



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123

Case Vehicle (A): 1999 Ford  
Type: Escort ZX2, 2-door coupe  
Driver: 18-year-old male  
CDC: 02-RZAW-3

Veh. (B): 1999 Dodge  
Type: Ram 2500 Laramie SLT 4 x 4,  
Quad cab pickup with trailer  
Driver: 40-year-old male  
CDC: 12-FDEW-1

## **SITUATION**

(Slide 1) It was dark, the street lights were on, the skies were cloudy, and (slide 2) the 5-lane east-west asphalt road surface was dry and free of defects. Case vehicle (A) was stopped facing east at a traffic light in the center turn lane, and the driver was waiting to make a left turn onto north-south road. (Slide 3) Vehicle (B) was traveling west in the right westbound lane and was towing a utility trailer. As vehicle (B) approached the intersection, the traffic signal turned yellow and case vehicle (A) pulled out and made a left turn in front of vehicle (B). The driver of vehicle (B) was unable to stop the vehicle in time, and the front of vehicle (B) struck the right side of case vehicle (A). The right-front, left-rear and right-rear passengers of case vehicle (A) were ejected from the vehicle. All occupants of case vehicle (A) and vehicle (B) were transported by ambulance to a local area hospital. The right-rear passenger of case vehicle (A) was admitted to the hospital for four days. The right-front passenger of case vehicle (A) was held over night for observation. The driver and left-rear passenger of case vehicle (A), and the driver and right-front passenger of vehicle (B) were treated and released.

## **GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES**

(Slide 4) Damage to case vehicle (A) was moderate. (Slide 5) Direct damage to case vehicle (A) began 103-cm rear of the front axle and extended 199 cm down the right side to the quarter panel. Direct contact included the roof siderail, and the upper B-and C-pillars. (Slide 6) The maximum crush was measured at 46 cm, just rearward of the right B-pillar.

(Slide 7) Damage to vehicle (B) was minor. (Slide 8) The maximum crush was 22 cm at the left center of the front bumper. Direct damage began at the right bumper corner and extended 153 cm to the left. (Slides 9 and 10) There was no change in either wheelbase.

Using the WinSMASH accident-reconstruction program, and crush profiles measured for (slides 11, 12, 13 and 14) case vehicle (A) and (slides 15, 16, 17 and 18) vehicle (B), the following impact severities were calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case vehicle (A)	EBS	24 (15)	-12 (-7)	-21 (-13)
Vehicle (B)	EBS	19 (12)	-19 (-12)	3 (2)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

On the right side, (slide 19) the upper A-pillar, (slide 20) the door, (slide 21) the upper and lower B-pillars, the upper C-pillar, the roof siderail, and the rear wheel were damaged. The right-side window glass was broken out and the right wheelbase was increased 4 cm. (Slide 22) The door opened during the crash due to (slides 23 and 24) latch/striker separation. (Slide 25) The right roof was deflected inward, causing the sunroof to open slightly.

In the front, (slide 26) the right portion of the windshield was cracked due to contact by the passenger airbag cover and upper A-pillar deformation. (Slide 27) There was no other damage to the front of the vehicle.

(Slide 28) At the rear of the vehicle, the right portions of the rear window header and trunk hood were deformed, and the rear window was broken out.

(Slide 29) There was no left-side damage and no significant change in (slide 30) the left wheelbase.

### Interior

This vehicle was equipped with steering-wheel and passenger frontal-impact airbags, and (slides 31, 32, 33 and 34) both deployed during the right-side impact. There were multiple small holes in the passenger airbag fabric from broken glass. (Slides 35, 36, 37 and 38) There was no damage to the steering-wheel or (slide 39 and 40) the passenger airbag module covers. (Slide 41) The passenger airbag module cover struck and cracked the right portion of the windshield. (Slides 42 and 43) There was no damage to the steering-wheel rim or spokes, and (slide 44) no deflection of the steering column. (Slide 45) The rear-view mirror and roof-mounted console were knocked off their mounts. (Slide 46) The sunroof was slightly opened by roof deformation,

(slide 47) the headliner was knocked loose and bent, and the right roof siderail was damaged. The right B-pillar, right-rear side panel, right-rear side armrest, and right upper C-pillar were damaged and crushed inboard, and all the right-side glass was broken out. (Slide 48) There was no damage to the driver door, (slide 49) driver instrument panel, (slide 50) or center-front dashboard area, except that caused by the removal of the sound system. (Slide 51) The instrument panel trim above the glove-box area was dented. (Slide 52) The speaker was removed from the forward portion of the right door. (Slide 53) The rear portion of the right door panel was cracked, the right door armrest was deflected inward, and the door glass was broken out. (Slide 54) The rear seat backrest and cushion were knocked loose. The following intrusions were noted and measured.

Location	Component	Distance (cm)	Direction
Right front (slide 55)	roof siderail	11	to left
Right rear (slide 56)	side panel	33	to left
	B-pillar	25	to left
	roof siderail	20	to left
	C-pillar	19	to left

## OCCUPANT KINEMATICS AND INJURIES

(Slide 57) The 5-ft, 7-in, 140-lb, 18-year-old male driver was not wearing the three-point belt, (slide 58) but the frontal-impact airbag deployed in this right-side impact. (Slide 59) There were no witness marks on the plastic D-ring, and no other indication of belt use. On impact, the driver moved to the right, relative to the vehicle interior. He sustained a laceration to the posterior aspect of his scalp, probably due to contact by flying broken glass.

(Slide 60) The 5-ft, 8-in, 130-lb, 16-year-old male right-front passenger was not wearing the three-point belt, but the frontal-impact airbag deployed. (Slide 61) The belt was locked tightly in place by the damaged B-pillar and could not be extended. On impact, the right-front passenger moved to the right relative to the vehicle interior, and was ejected from the vehicle through the right door that opened during the impact. He sustained a contusion and abrasion to the left-side of his forehead, and had loss of consciousness for less than 10 minutes at the scene, probably due to head contact with the asphalt road surface, or possibly due to head contact with the roof siderail, (slide 62) as evidenced by a faint scratch mark on the plastic and the fact the plastic was deflected outward. He sustained an abrasion to the cornea of his right eye, probably due to

contact by flying broken glass, or possibly from contact by the deploying airbag. He sustained a 2-cm laceration to his left hip, (slide 63) probably from contact with the right-side door interior, (slide 64) as evidenced by the faint scratch marks on the door armrest and (slide 65) door panel, or possibly from contact with the asphalt road surface. He sustained an abrasion to his left leg just below the knee, probably from contact with the glove-box area, (slide 66) as evidenced by indentation to the instrument panel trim above the glove box, or possibly from contact with the asphalt road surface.

The 248-lb, 18-year-old male left-rear passenger of an unknown stature was not wearing the three-point belt. On impact, he moved to the right relative to the vehicle interior and was ejected through the rear window as the vehicle rotated following the impact. He sustained an abrasion to his face, lateral to the right eye, abrasions to both forearms, and an abrasion to his left abdomen, possibly due to contact with the rear window during ejection. He sustained a minor compression fracture to the T-11 vertebra from an unknown source. He sustained lacerations to his left lower leg, possibly due to contact by broken glass.

(Slide 67) The 200-lb, 18-year-old male, right-rear passenger of an unknown stature was not wearing the three-point belt. On impact, he moved to the right, (slide 68) as indicated by the scuff mark on the right-front passenger belt webbing and the broken plastic on the side panel and C-pillar, and he reportedly was ejected through the rear window, but possibly through the right-side window/door. He sustained an abrasion to his face, lateral to the right eye, and a loss of consciousness for an unspecified length of time, probably due to contact with the C-pillar, (slide 69) as evidenced by the broken plastic on the C-pillar, or possibly due to contact with the asphalt road surface. He sustained a fracture to his right clavicle, a contusion to the parenchyma of the right lung, and a fracture to the posterior aspect of the right 5<sup>th</sup> rib, probably due to contact with the right-rear side panel, as evidenced by the broken plastic, or possibly due to contact with the asphalt road surface.

The following tables and attached drawings (slides 70, 71, 72 and 73) summarize the injuries for the four occupants of case vehicle (A).

Occupant: Driver  
 Restraints: 3-point belt *not* worn; frontal-impact  
 airbag deployed

Age: 18 years  
 Stature: 170 cm (5 ft, 7 in)

Gender: Male  
 Mass: 64 kg (140 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Laceration, posterior aspect of scalp	1		Broken glass	
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>1</u>			

Occupant: Right front  
 Restraints: 3-point belt *not* worn - ejected;  
 frontal-impact airbag deployed

Age: 16 years  
 Stature: 173 cm (5 ft, 8 in)

Gender: Male  
 Mass: 59 kg (130 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Loss of consciousness, less than 10 minutes (GCS = 12 at scene)	2		Ground	Roof siderail
Contusion and abrasion, left side of forehead	1		Ground	Roof siderail
Abrasion to cornea of right eye	1		Broken glass	Airbag
2-cm laceration, left hip	1		Door interior	Ground
Abrasion to left leg just below knee	1		Glovebox area	Ground
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>6</u>			

Occupant: Left rear  
Restraints: 3-point belt not worn - ejected

Age: 18 years  
Stature: Unknown

Gender: Male  
Mass: 113 kg (248 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Abrasion to face, lateral to right eye	1	Unknown		Broken glass
Compression fracture, T-11	2			
Abrasions, left and right forearms	1			Broken glass
Abrasion, left abdomen	1			Ground
Lacerations, left lower leg	1			Broken glass
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>5</u>			

Occupant: Right rear  
Restraints: 3-point belt not worn - ejected

Age: 18 years  
Stature: Unknown

Gender: Male  
Mass: 91 kg (200 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Loss of consciousness, unspecified length of time	2		C-pillar	Ground
Abrasion to face, lateral to right eye	1		C-pillar	Ground
Contusion, parenchyma of right lung	3		Side panel	Ground
Fracture, posterior aspect of right 5 <sup>th</sup> rib	1		Side panel	Ground
Fracture, right clavicle	2		Side panel	Ground
<u>Maximum A.I.S. Level</u>	<u>3</u>			
<u>Injury Severity Score</u>	<u>17</u>			



TIME

DATE OF COLLISION

      /       /              
m m d d y y y y

HOUR OF COLLISION

(24 HOUR CLOCK)

             
21 24

LOCATION

STATE:                     

STATE FIPS CODE

       
25 26

AREA

- (1) URBAN  
(2) RURAL  
(9) UNKNOWN

    
27

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO  
(1) YES  
(9) UNKNOWN

    
28

ROAD, TOTAL TRAFFIC LANES  
(FOR CASE VEHICLE)

- (1) 1-LANE  
(2) 2-LANES  
(3) 3-LANES  
(4) 4 OR MORE LANES  
(5) DIVIDED, 4 OR MORE LANES  
(6) PARKING LOT/DRIVEWAY  
(7) OTHER:                       
(9) UNKNOWN

    
29

INTERSECTING RD, TOTAL LANES

CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

    
30

TYPE OF ROAD SURFACE

- (1) ASPHALT  
(2) CONCRETE  
(3) GRAVEL  
(4) MORE THAN ONE (CIRCLE EACH)  
(7) OTHER:                       
(9) UNKNOWN

    
31

ROAD DEFECTS

- (0) NO  
(1) YES  
(9) UNKNOWN

    
32

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO  
(1) YES  
(9) UNKNOWN

    
33

ROAD ALIGNMENT  
VERTICAL PLANE

- (1) LEVEL  
(2) CREST OF HILL  
(3) SLOPE (2%)  
(4) BOTTOM OF HILL  
(9) UNKNOWN

    
34

ROAD ALIGNMENT  
HORIZONTAL PLANE

- (1) STRAIGHT  
(2) CURVE  
(3) T - SHAPED  
(4) Y - SHAPED  
(7) OTHER:                       
(9) UNKNOWN

    
35

SURFACE COVERING

- (10) DRY  
  
(21) WATER - DAMP  
(22) WATER - WET  
(23) WATER - PUDDLED  
(29) WATER - AMOUNT UNKNOWN  
  
(31) SNOW - LOOSE  
(32) SNOW - PACKED  
(39) SNOW - CONDITION UNKNOWN  
  
(41) ICE  
(51) SLUSH  
(61) SPILLED GRAVEL  
(71) OTHER:                       
(99) UNKNOWN

       
36 37

VISIBILITY LIMITATION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) CLOUDY/DARK  
(2) FOG  
(3) SMOKE  
(4) WINDSHIELD CONDITION  
(5) GLARE  
(6) RAIN  
(7) OTHER:                       
(8) ICE/SNOW  
(9) UNKNOWN

    
38

VISIBILITY OBSTRUCTION  
(FOR CASE VEHICLE)

- (0) NONE  
(1) BUILDING  
(2) SIGN  
(3) VEGETATION (E.G. BUSHES, SHRUBS)  
(4) TREE  
(5) HILL OR CURVE IN ROAD  
(6) VEHICLE IN TRANSPORT  
(7) OTHER:                       
(8) PARKED VEHICLE  
(9) UNKNOWN

    
39

## ENVIRONMENTAL CONDITIONS

**SPEED LIMIT**

- |     |                 |          |
|-----|-----------------|----------|
| (0) | 5-45 km/h ..... | 5-25 mph |
| (1) | 46-55 .....     | 30       |
| (2) | 56-60 .....     | 35       |
| (3) | 61-70 .....     | 40       |
| (4) | 71-79 .....     | 45       |
| (5) | 80-85 .....     | 50       |
| (6) | 86-90 .....     | 55       |
| (7) | 91-105 .....    | 60       |
| (8) | OVER 105 .....  | 65       |
| (9) | UNKNOWN         |          |

## PRECIPITATION

- (0) NONE  
(1) RAIN  
(2) SNOW  
(3) HAIL  
(4) FREEZING RAIN/SLEET  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

### RATE OF PRECIPITATION

- (1) LIGHT/MIST  
(2) MODERATE  
(3) HEAVY  
(8) NOT APPLICABLE  
(9) UNKNOWN

## TEMPERATURE

- (0) BELOW -15° C ..... BELOW 5° F  
(1) -15 TO -6 ..... 5 TO 22  
(2) -5 TO -1 ..... 23 TO 31  
(3) 0 TO 2 ..... 32 TO 36  
(4) 3 TO 5 ..... 37 TO 41  
(5) 6 TO 15 ..... 42 TO 59  
(6) 16 TO 25 ..... 60 TO 77  
(7) 26 TO 35 ..... 78 TO 95  
(8) OVER 35 ..... OVER 96  
(9) UNKNOWN

## CROSSWIND

- (0) NONE  
(1) LIGHT  
(2) STRONG  
(3) GUSTY & STRONG  
(9) UNKNOWN

## LIGHT CONDITIONS

- (1) DAYLIGHT
- (2) DAWN
- (3) DUSK
- (4) DARK, LIGHTED
- (5) DARK, UNLIGHTED
- (6) DARK, UNKNOWN IF LIGHTED
- (9) UNKNOWN

## MECHANICAL MALFUNCTION

WAS THERE MENTION  
OF A MECHANICAL MALFUNCTION  
IN CASE VEHICLE

- (0) NO  
(1) YES  
(2) YES, DID NOT CONTRIBUTE  
    TO ACCIDENT  
(9) UNKNOWN

**THE FOLLOWING SECTION SHOULD BE FILLED  
OUT IF A MECHANICAL MALFUNCTION IS  
RECOGNIZED OR SUSPECTED.**

**CIRCLE ITEMS INVOLVED. SUPPORT ANY  
ITEMS CIRCLED WITH COMMENTS.**

## BRAKE SYSTEM DRIVER CONTROLS

## EXHAUST SYSTEM POWER TRAIN

## STEERING SYSTEM      FUEL SYSTEM

## SUSPENSION SYSTEM VISIBILITY ITEMS

ELECTRICAL SYSTEM	TIRES
1. BATTERY	1. TIRE CONDITION
2. ALTERNATOR	2. TIRE PRESSURE
3. FUSE BLOCK	3. TIRE ROTATION
4. WIRING	4. TIRE REPLACEMENT
5. LIGHTS	5. TIRE STORAGE
6. HORN	6. TIRE DISPOSAL
7. WINDSHIELD WIPERS	7. TIRE REPAIR
8. RADIO	8. TIRE ALIGNMENT
9. SPEAKERS	9. TIRE BALANCE
10. ANTENNA	10. TIRE INSPECTION
11. WINDOW CRANKS	11. TIRE RECORDS
12. DOOR LOCKS	12. TIRE WARRANTY
13. SEATBELT	13. TIRE SAFETY
14. AIR BAGS	14. TIRE MAINTENANCE
15. CRUISE CONTROL	15. TIRE RECALLS
16. ABS	16. TIRE REMOVAL
17. ESP	17. TIRE INSTALLATION
18. TPMS	18. TIRE STORAGE
19. Traction Control	19. TIRE DISPOSAL
20. Power Windows	20. TIRE REPAIR
21. Power Locks	21. TIRE ALIGNMENT
22. Power Mirrors	22. TIRE BALANCE
23. Power Seats	23. TIRE INSPECTION
24. Power Steering	24. TIRE RECORDS
25. Power Windows	25. TIRE WARRANTY
26. Power Locks	26. TIRE SAFETY
27. Power Mirrors	27. TIRE MAINTENANCE
28. Power Seats	28. TIRE RECALLS
29. Power Steering	29. TIRE REMOVAL
30. Power Windows	30. TIRE INSTALLATION
31. Power Locks	31. TIRE STORAGE
32. Power Mirrors	32. TIRE DISPOSAL
33. Power Seats	33. TIRE REPAIR
34. Power Steering	34. TIRE ALIGNMENT
35. Power Windows	35. TIRE BALANCE
36. Power Locks	36. TIRE INSPECTION
37. Power Mirrors	37. TIRE RECORDS
38. Power Seats	38. TIRE WARRANTY
39. Power Steering	39. TIRE SAFETY
40. Power Windows	40. TIRE MAINTENANCE
41. Power Locks	41. TIRE RECALLS
42. Power Mirrors	42. TIRE REMOVAL
43. Power Seats	43. TIRE INSTALLATION
44. Power Steering	44. TIRE STORAGE
45. Power Windows	45. TIRE DISPOSAL
46. Power Locks	46. TIRE REPAIR
47. Power Mirrors	47. TIRE ALIGNMENT
48. Power Seats	48. TIRE BALANCE
49. Power Steering	49. TIRE INSPECTION
50. Power Windows	50. TIRE RECORDS
51. Power Locks	51. TIRE WARRANTY
52. Power Mirrors	52. TIRE SAFETY
53. Power Seats	53. TIRE MAINTENANCE
54. Power Steering	54. TIRE RECALLS
55. Power Windows	55. TIRE REMOVAL
56. Power Locks	56. TIRE INSTALLATION
57. Power Mirrors	57. TIRE STORAGE
58. Power Seats	58. TIRE DISPOSAL
59. Power Steering	59. TIRE REPAIR
60. Power Windows	60. TIRE ALIGNMENT
61. Power Locks	61. TIRE BALANCE
62. Power Mirrors	62. TIRE INSPECTION
63. Power Seats	63. TIRE RECORDS
64. Power Steering	64. TIRE WARRANTY
65. Power Windows	65. TIRE SAFETY
66. Power Locks	66. TIRE MAINTENANCE
67. Power Mirrors	67. TIRE RECALLS
68. Power Seats	68. TIRE REMOVAL
69. Power Steering	69. TIRE INSTALLATION
70. Power Windows	70. TIRE STORAGE
71. Power Locks	71. TIRE DISPOSAL
72. Power Mirrors	72. TIRE REPAIR
73. Power Seats	73. TIRE ALIGNMENT
74. Power Steering	74. TIRE BALANCE
75. Power Windows	75. TIRE INSPECTION
76. Power Locks	76. TIRE RECORDS
77. Power Mirrors	77. TIRE WARRANTY
78. Power Seats	78. TIRE SAFETY
79. Power Steering	79. TIRE MAINTENANCE
80. Power Windows	80. TIRE RECALLS
81. Power Locks	81. TIRE REMOVAL
82. Power Mirrors	82. TIRE INSTALLATION
83. Power Seats	83. TIRE STORAGE
84. Power Steering	84. TIRE DISPOSAL
85. Power Windows	85. TIRE REPAIR
86. Power Locks	86. TIRE ALIGNMENT
87. Power Mirrors	87. TIRE BALANCE
88. Power Seats	88. TIRE INSPECTION
89. Power Steering	89. TIRE RECORDS
90. Power Windows	90. TIRE WARRANTY
91. Power Locks	91. TIRE SAFETY
92. Power Mirrors	92. TIRE MAINTENANCE
93. Power Seats	93. TIRE RECALLS
94. Power Steering	94. TIRE REMOVAL
95. Power Windows	95. TIRE INSTALLATION
96. Power Locks	96. TIRE STORAGE
97. Power Mirrors	97. TIRE DISPOSAL
98. Power Seats	98. TIRE REPAIR
99. Power Steering	99. TIRE ALIGNMENT
100. Power Windows	100. TIRE BALANCE
101. Power Locks	101. TIRE INSPECTION
102. Power Mirrors	102. TIRE RECORDS
103. Power Seats	103. TIRE WARRANTY
104. Power Steering	104. TIRE SAFETY
105. Power Windows	105. TIRE MAINTENANCE
106. Power Locks	106. TIRE RECALLS
107. Power Mirrors	107. TIRE REMOVAL
108. Power Seats	108. TIRE INSTALLATION
109. Power Steering	109. TIRE STORAGE
110. Power Windows	110. TIRE DISPOSAL
111. Power Locks	111. TIRE REPAIR
112. Power Mirrors	112. TIRE ALIGNMENT
113. Power Seats	113. TIRE BALANCE
114. Power Steering	114. TIRE INSPECTION
115. Power Windows	115. TIRE RECORDS
116. Power Locks	116. TIRE WARRANTY
117. Power Mirrors	117. TIRE SAFETY
118. Power Seats	118. TIRE MAINTENANCE
119. Power Steering	119. TIRE RECALLS
120. Power Windows	120. TIRE REMOVAL
121. Power Locks	121. TIRE INSTALLATION
122. Power Mirrors	122. TIRE STORAGE
123. Power Seats	123. TIRE DISPOSAL
124. Power Steering	124. TIRE REPAIR
125. Power Windows	125. TIRE ALIGNMENT
126. Power Locks	126. TIRE BALANCE
127. Power Mirrors	127. TIRE INSPECTION</

THROTTLE CONTROLS UNKNOWN

OTHER: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

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[illegible]

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*Journal of Management Education* 36(7) 809–827

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# GENERAL INFORMATION GI-3

## CRASH DETAILS

### CASE VEHICLE AND OBJECT

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
47

### CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
- (1) YES, FIRST EVENT
- (2) YES, SUBSEQUENT EVENT
- (3) YES, SEQUENCE UNKNOWN
- (9) UNKNOWN

0  
48

### CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
49

### MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

1  
50

### CASE VEHICLE AND CONTACTED STOPPED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
51

### STOPPED CASE VEHICLE AND CONTACTED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
52

### TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
- (9) UNKNOWN

1  
53

### ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
54

### HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY  
SEVERITY UNKNOWN
- (9) UNKNOWN

1  
55

## DRIVER IMPAIRMENT

### DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)

- (0) NONE
- (1) YES
- (9) UNKNOWN/NOT REPORTED/  
NO DRIVER

0  
56

### DRIVER ALCOHOL BAC (CASE VEHICLE)

- (80) NO TEST
- (90) CHEMICAL TESTS, NO RESULTS
- (95) AUTOPSY, NO RESULTS
- (99) UNKNOWN

80  
57 58

### WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
59

### LIST IMPAIRMENTS MENTIONED:

---



---



---

## Post - CRASH DETAIL

### MANNER CASE VEHICLE LEFT SCENE

- (1) DRIVEN
- (2) TOWED DUE TO DAMAGE
- (3) TOWED, NOT DUE TO DAMAGE
- (4) TOWED, REASON UNKNOWN
- (9) UNKNOWN

2  
60

# ACCIDENT SCHEMATIC

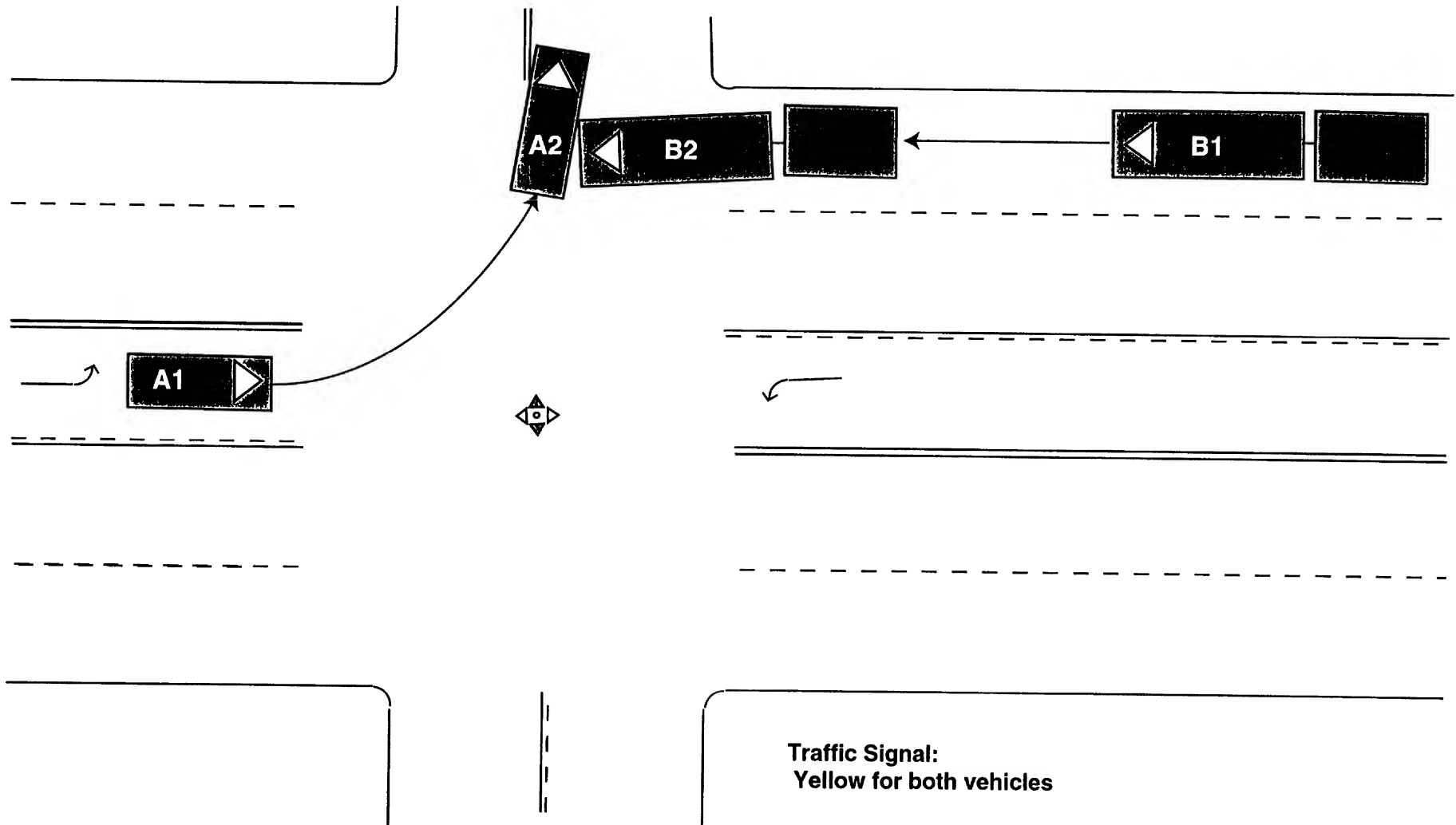
ACCIDENT DESCRIPTION: Case vehicle (A) attempted to turn left in front of vehicle (B). Vehicle (B) was unable to stop in time and struck the right side of case vehicle (A). The right front, right rear and left rear passengers were ejected from

CASE VEHICLE (A): 1999 Ford Escort  
 OTHER VEHICLE (B): 1999 Dodge Ram Pickup  
 THIRD VEHICLE (C): \_\_\_\_\_

614



NORTH



Duplicate columns 1-8  
from the previous card.

Module 0 V Format 0 4  
9 10 11 12

OTHER VEHICLE OV-1

MAKE: Dodge

CARGO: \_\_\_\_\_

MODEL: RAM 2500 LARAMIE SLT 4x4,  
Quad cab pickup with trailer

VIN 1 B 7 K F 2 3 2 9 X J 0 0 0 0 0  
13 29

MANUFAC/BODY CODE 1 3 2 1 2  
30 34

MAKE/MODEL CODE 3 2 3 5  
38

MODEL YEAR 1 9 9 9  
39 42

VEHICLE MASS (kg) 0 0 2 4 4 7  
43 48

IF SEPARATE REPORT WAS MADE,  
GIVE VEHICLE NUMBER 2

NUMBER OF OCCUPANTS 0 2  
(ENTER 9'S IF UNKNOWN) 51

TRAVELING SPEED (km/h) 9 9 7  
54

- (000) PARKED OR STOPPED  
(995) JUST STARTING UP  
(996) BACKING UP  
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)  
(998) SPEED EXCESSIVE (BUT UNKNOWN)  
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY  
CODE FOR THIS VEHICLE

- (0) O - NO INJURY  
(1) C - POSSIBLE INJURY  
(2) B - NON-INCAPACITATING INJURY  
(3) A - INCAPACITATING INJURY  
(4) K - FATAL  
(5) INJURED, SEVERITY UNKNOWN  
(6) DIED PRIOR TO ACCIDENT  
(7) NON-FATAL INJURY  
SEVERITY UNKNOWN  
(8) UNOCCUPIED VEHICLE  
(NOT APPLICABLE)  
(9) UNKNOWN

1  
55

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE  
(03) LIMOUSINE  
(17) PICKUP CAR  
(20) UNKNOWN PASSENGER VEHICLE BODY  
(24) SUB-MINI  
(25) MINI  
(26) SUB-COMPACT  
(27) COMPACT  
(28) INTERMEDIATE  
(29) FULL

1 2  
56 57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)  
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(17) PICKUP CAR WITH CANOPY/SHELL COVER  
(21) MOTOR HOME  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(23) PICKUP CAR WITH SLIDE-IN CAMPER  
(31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN  
(12) PICKUP TRUCK  
(13) UNKNOWN LIGHT TRUCK  
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)  
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER  
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER  
(30) UNKNOWN TRUCK TYPE  
(31) CHASSIS-MOUNTED CAMPER  
(33) DELIVERY VAN (WALK-IN)  
(34) STRAIGHT TRUCK  
(35) TRUCK-TRACTOR (BOBTAIL)  
(36) CHASSIS-CAB  
(37) UNKNOWN HEAVY TRUCK  
(38) TRACTOR & SEMI-TRAILER (SEMI)  
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE  
(41) SCHOOL BUS  
(42) INTERCITY BUS (BETWEEN CITIES)  
(43) TRANSIT BUS (INTRACITY)  
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)  
(69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)  
(999) UNKNOWN

352  
58 59 60

Duplicate columns 1-8  
from the previous card.

Module 0 V Format 0 2  
9 10 11 12

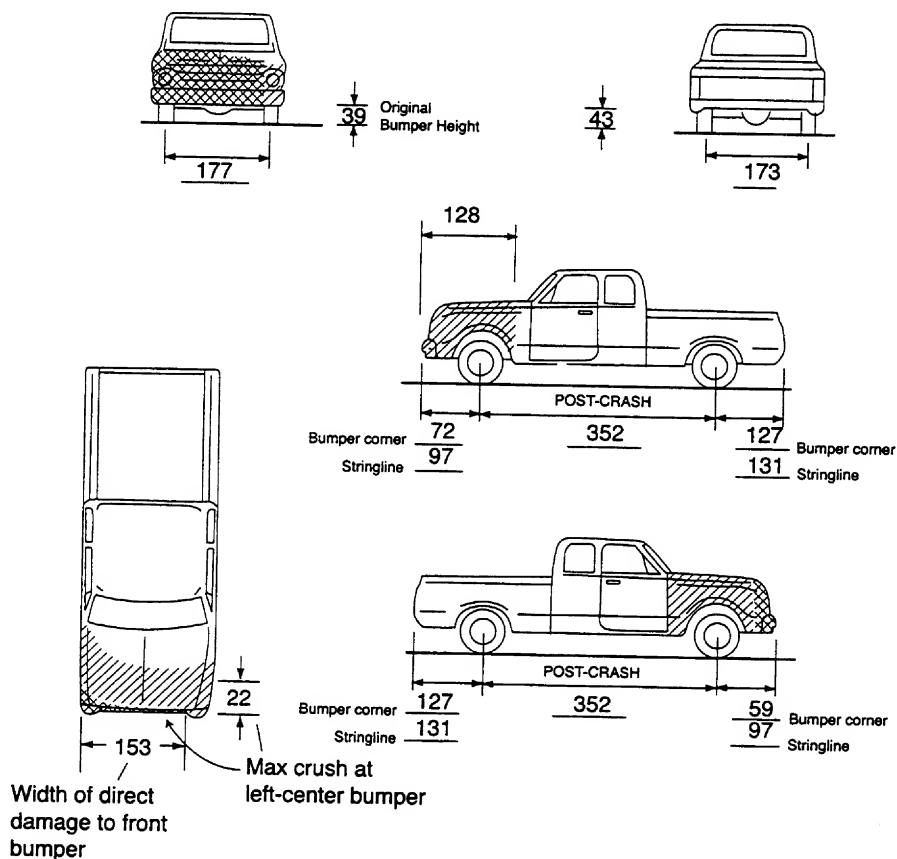
OTHER VEHICLE OV-2

### ORIGINAL SPECIFICATIONS

Wheelbase	<u>352</u> cm	Front Overhang	<u>097</u> cm
Curb Weight	<u>2447</u> kg	Rear Overhang	<u>121</u> cm
Average Track Width	<u>175</u> cm	Undeformed End Width (UEW)	<u>180</u> cm
Overall Length	<u>569</u> cm	Engine Displacement	<u>5.9</u> L
Overall Width (OAW)	<u>201</u> cm	Engine: # of Cylinders	<u>08</u>

### VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



### FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 153 cm

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$  85 %

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$  81 %

8

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2  
68

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

9  
69

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8  
70

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

2  
71

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
72

ORIGINAL TYPE OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: \_\_\_\_\_
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3  
73

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

0  
74

TYPE OF ROOF

- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: \_\_\_\_\_
- (9) UNKNOWN

4  
75

WHEELBASE (cm)  
(999) Unknown

250  
76 77 78

PLASTIC ANTI-LACERATIVE  
INNER LAYER GLASS EQUIPPED

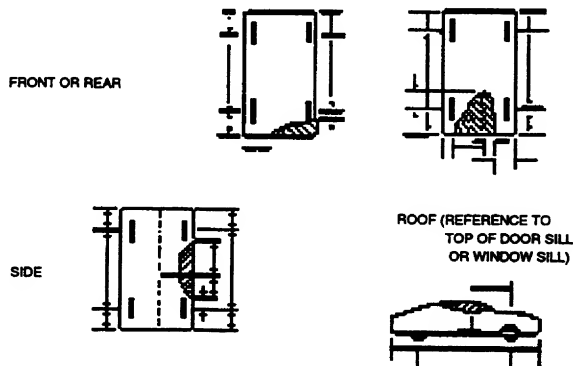
- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0  
79

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:





Duplicate columns 1-8  
from the previous card.

Module V D Format 0 2  
9 10 11 12

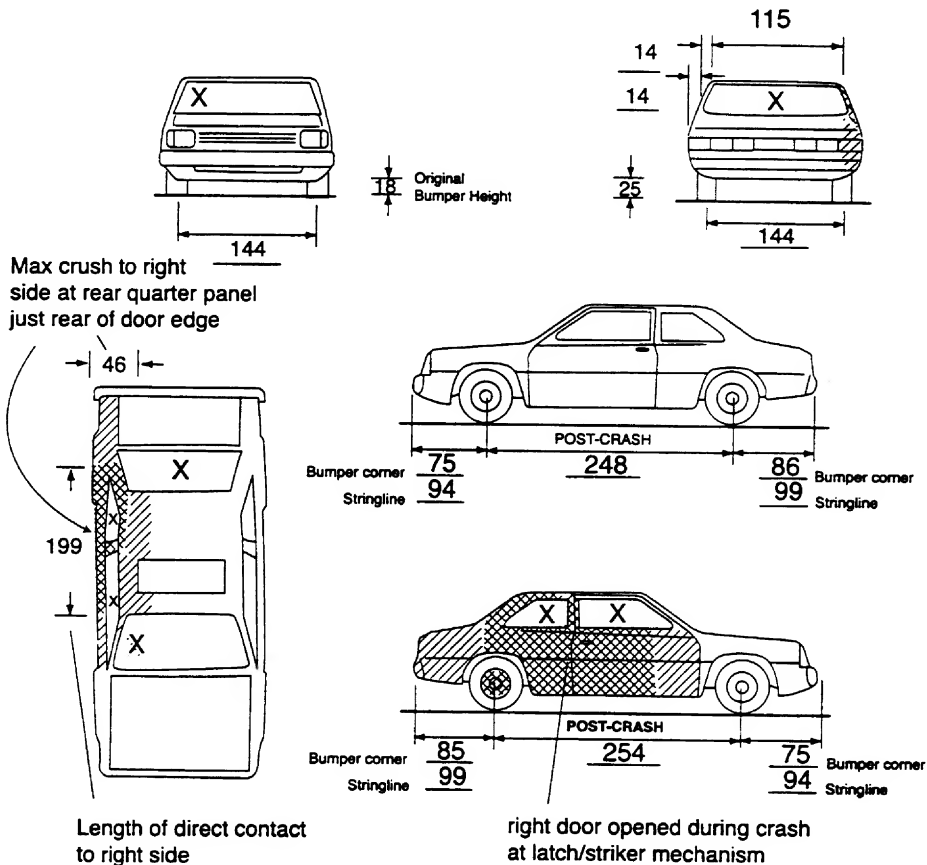
# VEHICLE DESCRIPTION VD-3

## ORIGINAL SPECIFICATIONS

Wheelbase	<u>250</u> cm	Front Overhang	<u>0</u> <sup>22</sup> <u>9</u> <sup>24</sup> <u>6</u> cm
Curb Weight	<u>1139</u> kg	Rear Overhang	<u>0</u> <sup>25</sup> <u>9</u> <sup>27</sup> <u>9</u> cm
Average Track Width	<u>1</u> <sup>13</sup> <u>4</u> <sup>15</sup> <u>4</u> cm	Undeformed End Width (UEW)	<u>1</u> <sup>28</sup> <u>4</u> <sup>30</sup> <u>4</u> cm
Overall Length	<u>4</u> <sup>16</sup> <u>4</u> <sup>18</sup> <u>5</u> cm	Engine Displacement	<u>2</u> <sup>31</sup> <u>.</u> <sup>32</sup> <u>0</u> L
Overall Width (OAW)	<u>1</u> <sup>19</sup> <u>7</u> <sup>21</sup> <u>1</u> cm	Engine: # of Cylinders	<u>0</u> <sup>33</sup> <u>4</u> <sup>34</sup>

## VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



## FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more  
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 9<sup>35</sup>9<sup>37</sup>9 cm

Front-End Overlap (Percent) =  $\frac{DDL}{UEW}$  9<sup>38</sup>9<sup>39</sup> %

Vehicle Overlap (Percent) =  $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$  9<sup>40</sup>9<sup>41</sup> %

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 2  
9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>1</u> 13	
IMPACT SPEED (km/h)	<u>999</u> 14 15 16	<u>999</u> 35 36 37
ESTIMATED BY	<u>1</u> 17	<u>1</u> 38
CRUSH (cm)	<u>046</u> 18 19 20	<u>022</u> 39 40 41
CDC #1	<u>02.R2AW.3</u> 21 27	<u>12.FDEN.1</u> 42 48
CDC #2	<u>98.0000.0</u> 28 34	<u>98.0000.0</u> 49 55

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 3  
9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>      </u> 13	
IMPACT SPEED (km/h)	<u>      </u> 14 15 16	<u>      </u> 35 36 37
ESTIMATED BY	<u>      </u> 17	<u>      </u> 38
CRUSH (cm)	<u>      </u> 18 19 20	<u>      </u> 39 40 41
CDC #1	<u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> 21 27	<u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> 42 48
CDC #2	<u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> 28 34	<u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> <u>      </u> 49 55

## CODES

### EVENT NUMBER

(8) NOT APPLICABLE  
(9) UNKNOWN

### IMPACT SPEED

(998) NOT APPLICABLE  
(999) UNKNOWN

### IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR  
(2) DRIVER  
(3) POLICE  
(4) "CRASH" PROGRAM  
(5) OTHER COMPUTER PROGRAM  
SPECIFY: \_\_\_\_\_  
(7) OTHER: \_\_\_\_\_  
(8) NOT APPLICABLE  
(NO VEHICLE/NO IMPACT)

### CRUSH

(998) NOT APPLICABLE  
(NO VEHICLE/DAMAGE)  
(999) UNKNOWN

### CDC

(9800000) NOT APPLICABLE  
(9900000) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module D A Format 0 1  
9 10 11 12

DAMAGE DA-2

### MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 0 0  
13 15

RIGHT SIDE 0 4 6  
16 18

REAR 0 0 0  
19 21

LEFT SIDE 0 0 0  
22 24

ROOF 0 0 0  
25 27

OTHER 0 0 0  
28 30

### CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER  
IS UNKNOWN, EVENT  
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE  
TO BE IN CHRONOLOGICAL ORDER? 1  
31

(0) NO  
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>41</u> 34	<u>12</u> 36
#2	<u>      </u> 37	<u>      </u> 39	<u>      </u> 41
#3	<u>      </u> 42	<u>      </u> 44	<u>      </u> 46
#4	<u>      </u> 47	<u>      </u> 49	<u>      </u> 51
#5	<u>      </u> 52	<u>      </u> 54	<u>      </u> 56
#6	<u>      </u> 57	<u>      </u> 59	<u>      </u> 61
#7	<u>      </u> 62	<u>      </u> 64	<u>      </u> 66

CODES FOR  
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

## OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

## ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

## UNKNOWN

- (99) IMPACT TYPE UNKNOWN

## DAMAGE DA-4

## CODES FOR VEHICLE/OBJECT CONTACTED

## VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

## PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

## SIZE

## WHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

## MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",  
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",  
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

## TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

## BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

## MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

## SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

## OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING  
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM  
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE  
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES



Duplicate columns 1-8  
from the previous card.

Module C R Format 0 1  
9 10 11 12

# CRASH RECONSTRUCTION CR-1

for  $\Delta V$

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u>47</u>		
$\Delta V$ (km/h) TOTAL	<u>8</u> 14 15 16	<u>8</u> 32 33 34		<u>48 49 50</u>	<u>66 67 68</u>	
LONGITUDINAL*	<u>8</u> 17 20	<u>8</u> 35 38		<u>51 54</u>	<u>69 72</u>	
LATERAL*	<u>8</u> 21 24	<u>8</u> 39 42		<u>55 58</u>	<u>73 76</u>	
*NOTE: THESE $\Delta V$ COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = <u>± 0 1 0</u> -7 km/h = <u>- 0 0 7</u>						
ENERGY DISSIPATED BY CRUSH (kj)	<u>8</u> 25 28	<u>8</u> 43 46		<u>59 62</u>	<u>77 80</u>	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>1 0</u> 29 30			<u>63 64</u>		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/ OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT,						
(10) OTHER: <u>WIND TO WING TRAILED</u>						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE	<u>5</u> 31			<u>65</u>		
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>						

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 2  
9 10 11 12

# CRASH RECONSTRUCTION CR-2

for EBS

	CASE VEHICLE PRIMARY IMPACT			CASE VEHICLE SECONDARY IMPACT		
	CASE VEHICLE	CONTACTED VEHICLE		CASE VEHICLE	CONTACTED VEHICLE	
EVENT NUMBER	<u>1</u> 13			<u>47</u>		
EBS (km/h) TOTAL	<u>024</u> 14 15 16	<u>019</u> 32 33 34		<u>    </u> 48 49 50	<u>    </u> 66 67 68	
LONGITUDINAL *	<u>-012</u> 17 20	<u>-019</u> 35 38		<u>    </u> 51 54	<u>    </u> 69 72	
LATERAL *	<u>-021</u> 21 24	<u>+003</u> 39 42		<u>    </u> 55 58	<u>    </u> 73 76	
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.						
EXAMPLES: 10 km/h = + 0 1 0 -7 km/h = - 0 0 7						
ENERGY DISSIPATED BY CRUSH (kj)	<u>0052</u> 25 28	<u>0044</u> 43 46		<u>    </u> 59 62	<u>    </u> 77 80	
RECONSTRUCTION						
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30			<u>    </u> 63 64		
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL						
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL						
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL						
NOT RECONSTRUCTED BECAUSE						
(02) INSUFFICIENT DATA						
(03) EXCESSIVE UNDERRIDE/ OVERRIDE						
(04) ROLLOVER						
(05) VAULTING						
(06) OTHER TRAVEL IN MORE THAN ONE PLANE						
(07) NON-HORIZONTAL FORCE						
(08) SIDESWIPE-TYPE DAMAGE						
(09) YIELDING OBJECT						
(10) OTHER: _____						
(11) AT LEAST ONE VEHICLE BEYOND SCOPE						
(12) OTHER VEHICLE NOT INSPECTED						
MODE						
(1) CDC ONLY						
(2) CDC & DETAILED DAMAGE	<u>2</u> 31			<u>    </u> 65		
(3) TRAJECTORY & CDC						
(4) TRAJECTORY & CDC & DETAILED DAMAGE						
(5) NOT RECONSTRUCTED						
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>						



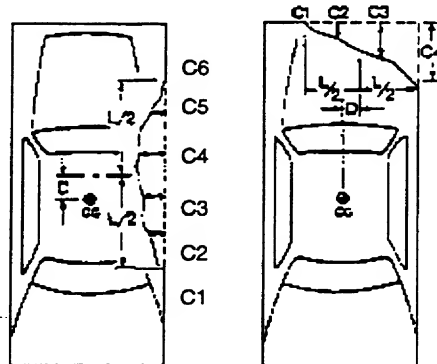
- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
  2. MEASURE C<sub>1</sub> TO C<sub>6</sub> FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
  3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
  4. USE THE CENTER OF THE WHEELBASE AS THE CG.

## CASE VEHICLE

LOCATOR

**Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.**

Specific Impact No.	Location of Direct Damage	Location of Field L
1	103 cm rear of B/H axle	94 cm rear of Front wheel



DL \_\_\_\_\_

UDL \_\_\_\_\_

**PLANE:**

- (1) Bumper  
(2) Above Bumper  
(3) Sill  
(4) Above Sill  
(5) Other \_\_\_\_\_  
(9) Unknown

## CRUSH PROFILE IN CENTIMETERS

**NOTE:** Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

[illegible]

Duplicate columns 1-8  
from the previous card.

Module C R Format 0 4  
9 10 11 12

# CRASH RECONSTRUCTION CR-4

## NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE  $C_1$  TO  $C_6$  FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3.  $D$  IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

LOCATOR

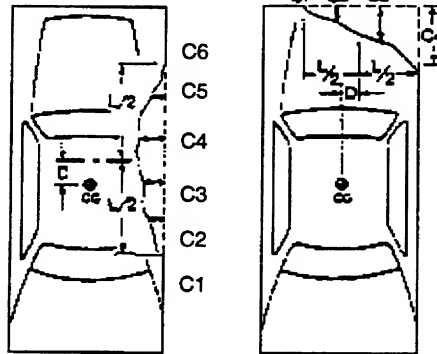
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	Begin R+H BC 153 cm to left	Ft Bumper BC to BC

UEW = 180

## PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other \_\_\_\_\_
- (9) Unknown



DL 153  
UDL 27

## CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
		Length (DDL)	Max Crush								
1	1	153	23	180	25	13	23	18	17	38	+13
			-1		-23	-4	-1	-1	-4	-23	
1	1	153	022	180	002	009	022	017	013	015	+013
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8  
from the previous card.

Module W T Format 0 1  
9 10 11 12

## WHEELS AND TIRES

WT-1

## WHEELS--DAMAGED

- (0) NO  
(1) YES  
(9) UNKNOWN

LF 0  
13RF 0RR 1LR 0  
16

## TIRE TREAD TYPE

- (1) REGULAR  
(2) SNOW  
(3) SLICKS  
(4) ALL WEATHER (MS)  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF 4  
17RF 4RR 4LR 4  
20

## CARCASS CONSTRUCTION

- (1) BIAS  
(2) BELTED BIAS  
(3) RADIAL  
(4) ELLIPTICAL  
(5) HI PRESSURE SPARE  
(6) SPACE SAVER SPARE  
(7) OTHER: \_\_\_\_\_  
(9) UNKNOWN

LF 3  
21RF 3RR 3LR 3  
24

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P18560R15  
25RF ↓  
3RR ↓  
4LR ↓  
55

IF VEHICLE IS EQUIPPED WITH DUAL  
WHEELS, COMPLETE FOR OUTER WHEELS  
AND MAKE NOTES ON INNER WHEELS.

NOTES: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Duplicate columns 1-8  
from the previous card.

Module F T Format 0 1  
9 10 11 12

## FUEL AND FUEL TANKS FT-1

### TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
13

### AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

8  
21

### MAIN TANK LOCATION

322  
14 16

### AUXILIARY TANK LOCATION

888  
22 24

### MAIN FILLER CAP LOCATION

113  
17 19

### AUXILIARY FILLER CAP LOCATION

888  
25 27

### MAIN TANK MATERIAL

1  
20

### AUXILIARY TANK MATERIAL

8  
28

### TANK AND FILLER CAP LOCATION CODES

#### FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

#### SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

#### THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

### TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F L Format 0 1  
9 10 11 12

## FUEL LEAKAGE FL-1

### DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

0  
13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	<u>    </u> <u>    </u> 14 15	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 21
#2	<u>    </u> <u>    </u> 22 23	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 29
#3	<u>    </u> <u>    </u> 30 31	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 37
#4	<u>    </u> <u>    </u> 38 39	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 45
#5	<u>    </u> <u>    </u> 46 47	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u> <u>    </u>	<u>    </u> 53

### I LEAKING COMPONENT

#### TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

#### DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

#### EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

#### EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

### II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

### III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

### IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

### V LOCATION OF LEAK

#### FIRST DIGIT (LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

#### SECOND DIGIT (LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module F R Format 0 1  
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

0  
13

(1) YES COMPLETE PAGE.

DID FIRE START IN CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

      
14

SEVERITY OF FIRE DAMAGE

- (1) MINOR  
(2) MODERATE  
(3) SEVERE  
(9) UNKNOWN

      
16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE  
(2) SLOW/MODERATE  
(9) UNKNOWN

      
15

DID AN INJURY TO CASE  
VEHICLE OCCUPANT RESULT FROM  
FIRE IN OR ON CASE VEHICLE?

- (0) NO  
(1) YES  
(9) UNKNOWN

      
17

*PROVIDE NOTES IF FIRE OCCURRED.*

Duplicate columns 1-8  
from the previous card.Module E D Format 0 1  
9 10 11 12

## EXTERIOR DAMAGE

ED-1

## HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

0

13

-DAMAGED

0

14

-JAMMED

8

15

HOOD HINGES- -LEFT, DAMAGED

0

16

-LEFT, SEPARATED  
(COMPLETE)8

17

-RIGHT, DAMAGED

0

18

-RIGHT, SEPARATED  
(COMPLETE)8

19

HOOD REMAINED ON VEHICLE

1

20

REAR EDGE OF HOOD- -ELEVATED

0

21

-CONTACTED WINDSHIELD

0

22

-PENETRATED WINDSHIELD

8

23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE  
(2) COWL AREA  
(3) SIDE  
(8) NOT APPLICABLE  
(9) UNKNOWN

1

24

## STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE  
(1) FLEXIBLE MATERIAL  
(2) POT  
(3) SINGLE U-JOINT  
(4) DOUBLE U-JOINT  
(5) FLEXIBLE CABLE  
(6) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(7) OTHER: \_\_\_\_\_  
(8) EQUIPPED, TYPE UNKNOWN  
(9) UNKNOWN, IF EQUIPPED

9

26

COUPLING-

-DAMAGED

9

27

(USE CODES  
FROM HOOD  
PERFORMANCE)-SEPARATED  
(COMPLETE)9

28

## ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED  
(01) - (07) SEE UNITS ON PAGE ED-2  
(88) NOT COLLECTED  
(97) OTHER: \_\_\_\_\_  
(98) EQUIPPED, TYPE UNKNOWN  
(99) UNKNOWN IF EQUIPPED

8 8  
29 30

ORIGINAL LENGTH (mm)

F (OR H): \_\_\_\_\_

TELESCOPED LENGTH (mm)

G: \_\_\_\_\_

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED  
(991) NOT MEASURED/NO  
COMPRESSION  
(992) COMPRESSED, AMOUNT  
UNKNOWN  
(993) DEVICE EXTENDED  
(997) UNABLE TO BE MEASURED  
(998) NOT APPLICABLE (NOT  
EQUIPPED)  
(999) UNKNOWN

8 8 8  
31 33

## ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO  
(1) YES  
(9) UNKNOWN

0

25

## LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 34

## LEFT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION  
 (2) DOOR-LATCH SEPARATION  
 (3) LATCH-STRIKER SEPARATION  
 (4) STRIKER-PILLAR SEPARATION  
 (5) BODY DISTORTION  
 (6) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

## LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

0  
 35

LOWER

0  
 36

-B-PILLAR, UPPER

0  
 37

LOWER

0  
 38

-C-PILLAR, UPPER

0  
 39

LOWER

8  
 40

-D-PILLAR, UPPER

8  
 41

LOWER

8  
 42

-FRONT

0  
 43

-REAR

8  
 44

## DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

0  
 45

-REAR

8  
 46



## REAR DOOR

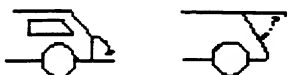
## REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

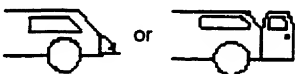
Hatchback



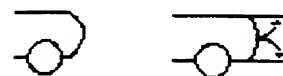
One-way



Two-way



Clamshell



Single door



Double door

HOW DID DOOR  
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

## OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

## DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

## OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA  
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

## SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

## TRAILER HITCH TYPE

- (0) NO HITCH

## BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

## OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

TRAILER TYPE  
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: \_\_\_\_\_
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

## RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE  
 (9) UNKNOWN

8  
 54

## RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO  
 (1) YES  
 (4) NO SEPARATION, BUT DAMAGED  
 (8) NOT APPLICABLE (NOT EQUIPPED)  
 (9) UNKNOWN

-A-PILLAR, UPPER

4  
 55

LOWER

0  
 56

-B-PILLAR, UPPER

4  
 57

LOWER

4  
 58

-C-PILLAR, UPPER

4  
 59

LOWER

8  
 60

-D-PILLAR, UPPER

8  
 61

LOWER

8  
 62

## RIGHT DOORS

HOW DID DOORS  
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION  
 (02) DOOR-LATCH SEPARATION  
 (03) LATCH-STRIKER SEPARATION  
 (04) STRIKER-PILLAR SEPARATION  
 (05) BODY DISTORTION  
 (06) COMBINATION OF ABOVE  
 (CIRCLE EACH)  
 (07) OPENED, REASON UNKNOWN  
 (11) VAN RIGHT-REAR DOOR OPENED  
 (ANY MECHANISM)

- (98) NOT APPLICABLE (NO DOOR)  
 (99) UNKNOWN

-FRONT

03  
 63 64

-REAR

98  
 65 66

## DOORS JAMMED CLOSED-

USE CODES:

- (0) NO  
 (1) YES  
 (8) NOT APPLICABLE (NO DOOR)  
 (9) UNKNOWN

-FRONT

0  
 67

-REAR

8  
 68

## VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR  
 (1) TRACK (SLIDING) - RIGHT SIDE  
 (2) SINGLE-HINGED - RIGHT SIDE  
 (3) DOUBLE-HINGED - RIGHT SIDE  
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE  
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE  
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE  
 (7) TRACK AND HINGED COMBINATION  
 (8) NOT APPLICABLE (NOT A VAN)  
 (9) UNKNOWN

8  
 69

## WINDSHIELD DAMAGE

## WINDSHIELD CRACKED

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

WINDSHIELD BROKEN  
(PLASTIC INTERLAYER TORN)

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

CRACKED OR BROKEN  
BY OCCUPANT CONTACT

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(9) UNKNOWN

## EXTENT OF BOND SEPARATION

- (0) NONE  
(1) 1 - 20%  
(2) 21 - 40  
(3) 41 - 60  
(4) 61 - 80  
(5) 81 - 99  
(6) TOTAL  
(7) SEPARATED, AMOUNT  
UNKNOWN  
(8) NOT APPLICABLE  
(9) UNKNOWN

 $\frac{1}{70}$ 
 $\frac{0}{71}$ 
 $\frac{0}{72}$ 
 $\frac{0}{73}$ 

## WINDSHIELD MARK ON CASE VEHICLE:

SOLAR TINT



Y R

LAMINATED

AS-1

DOT-287 VF-M562

8 A C

DW-1300

## WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED  
(98) NOT APPLICABLE (NO WINDSHIELD)  
(99) UNKNOWN

 $\frac{97}{74 \ 75}$ 

## Roof

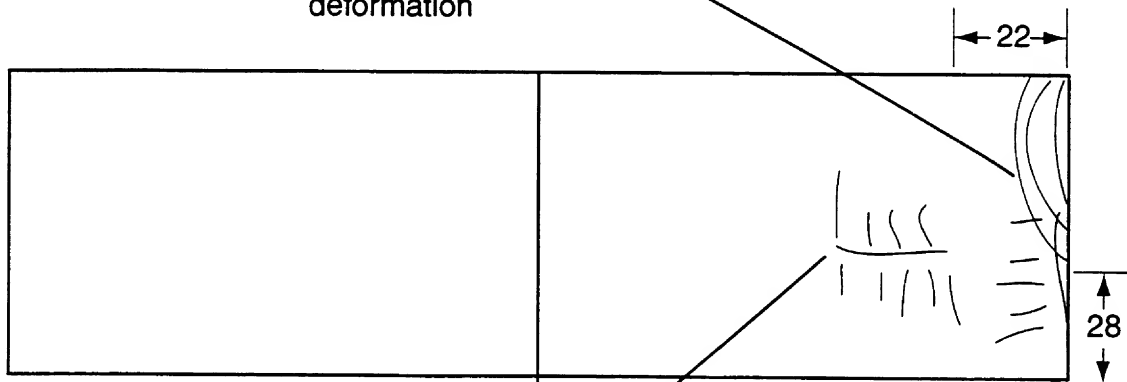
DID T-ROOF/SUN ROOF OPEN  
DURING COLLISION?

- (0) NO  
(1) YES  
(8) NOT APPLICABLE  
(NOT A T-ROOF OR SUN ROOF)  
(9) UNKNOWN

 $\frac{1}{76}$ 

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.

Cracked due to upper A-pillar  
deformation



Cracked due to contact by  
passenger air bag module cover

L

C

R

## STEERING WHEEL

### STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0  
13

### NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4  
14

### STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0  
15

### STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE  
NORMAL TOP OF THE WHEEL POINTED  
WHEN THE COLLISION OCCURRED?

#### EXAMPLES

O'CLOCK = 1 2

O'CLOCK = 0 2



(NORMAL STRAIGHT  
AHEAD)



O'CLOCK = 99

(99) UNKNOWN

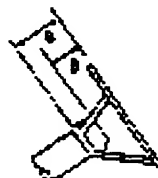
## STEERING WHEEL ENERGY ABSORBING DEVICE

(1) EXAMPLES:



BARRACUDA, 70 - 74  
CHALLENGER, 70 - 74  
CAPRI, 71 - 77

(2) EXAMPLES:



OMNI, 78 -  
HORIZON, 78 -

## STEERING COLUMN OPTIONS

### TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

3  
16

### SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0  
17

### TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0  
18

### TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: \_\_\_\_\_
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8  
19

### ORIGINAL DIMENSION (mm)

A: \_\_\_\_\_

### DAMAGE DIMENSION (mm)

B: \_\_\_\_\_

### DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8  
20 22

# STEERING WHEEL AND COLUMN SC-2

## STEERING COLUMN ENERGY ABSORBING DEVICE

TYPE OF DEVICE \* (IF 27 OR 28)

- (00) NOT EQUIPPED
- (88) NOT COLLECTED
- (99) UNKNOWN

ORIGINAL LENGTH (mm)

C: \_\_\_\_\_

COMPRESSED LENGTH (mm)

D: \_\_\_\_\_

BRACKET DEFLECTION (IF CODE 36, 48,  
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ±10)

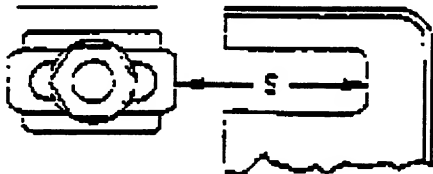
- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT  
COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

\* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT  
SEPARATION
- (992) SEPARATED, AMOUNT UNKNOWN
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

## COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
- (1) UPWARD APPARENT ROTATION
- (2) DOWNWARD APPARENT ROTATION
- (9) UNKNOWN

## COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
- (1) LEFT APPARENT ROTATION
- (2) RIGHT APPARENT ROTATION
- (9) UNKNOWN

## STEERING WHEEL (CONTINUED)

### STEERING WHEEL HUB DAMAGE

- (0) NONE
- (1) OCCUPANT CONTACT
- (2) AIRBAG
- (3) OTHER \_\_\_\_\_
- (9) UNKNOWN

0  
33

8 8  
23 24

8 8 8  
25 27

8 8 8  
28 30

0  
31

0  
32



1 = Definitely 2 = Probably 3 = Possible

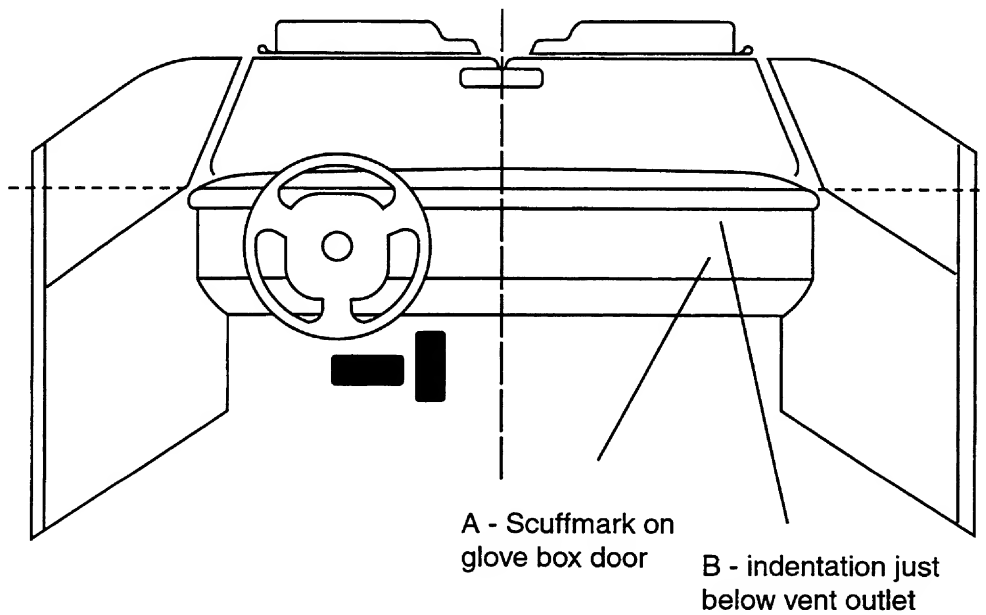
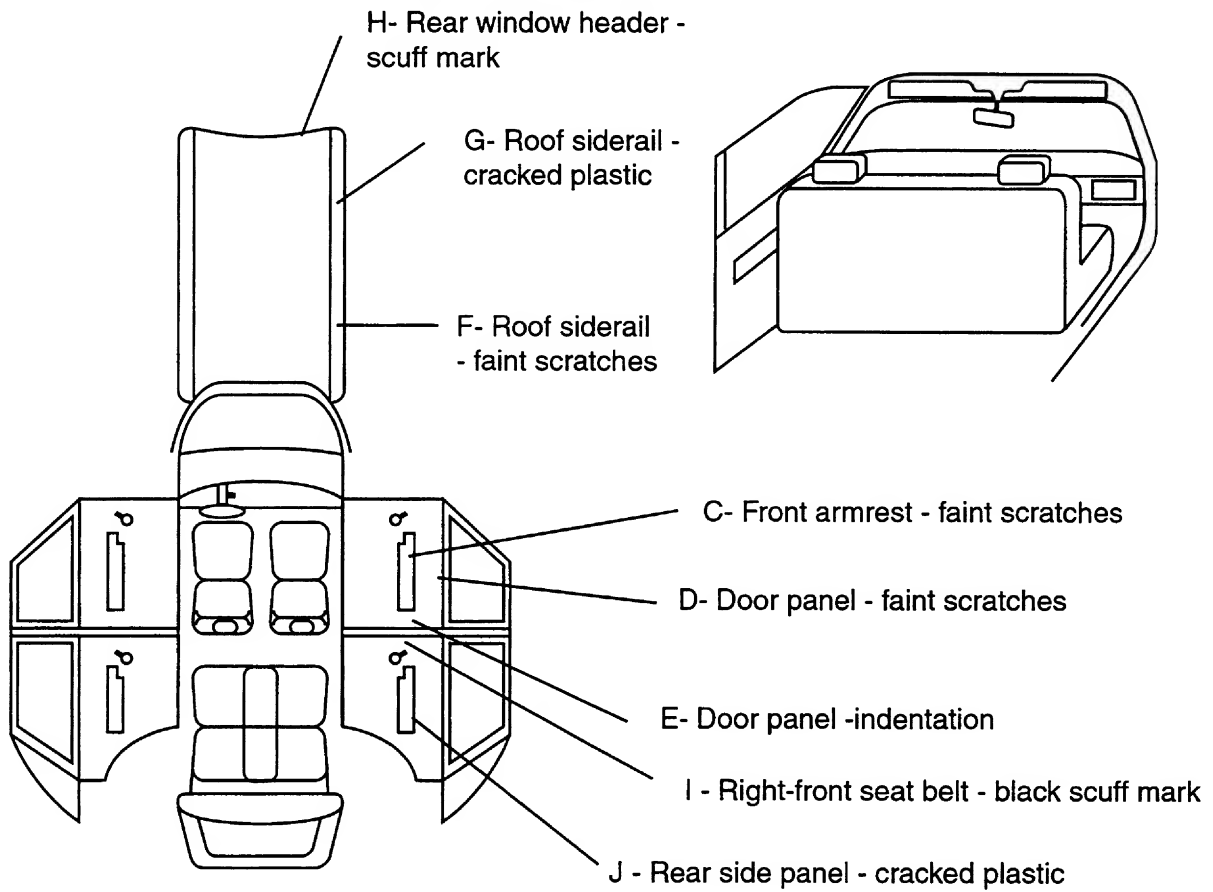
# INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
13	Roof siderail	108	–	97	= 11	Y
23	B-pillar	121	–	96	= 25	Y
23	Roof siderail	108	–	88	= 20	Y
23	Side panel	129	–	96	= 33	Y
23	C-pillar	108	–	89	= 19	Y
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	
			–		=	

## OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Glove box	Right front	Leg	Scuff mark	2
B	IP above glove box	Right front	Leg	Indentation	2
C	Lt. front armrest	Right front	Right side	Faint scratches	2
D	Lt. door panel	Right front	Right side	Faint scratches	2
E	Lt. door panel	Right front	Right side	Indentation	1
F	Roof siderail	Right front	Head	Faint scratches	2
G	Roof siderail	Right rear	Head	Cracked plastic	1
H	Rear Window header	Right and Left rear	Heads	Scuff mark	1
I	Right front seatbelt	Right rear	Right leg	Scuff mark or skin transfer	1
J	Rear side panel	Right rear	Right side	Cracked plastic	

VEHICLE OCCUPANT CONTACT DIAGRAM





## CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

### FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

### SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- |                          |                 |                         |   |
|--------------------------|-----------------|-------------------------|---|
| (1) LEFT                 | (3) RIGHT       | .....                   | INDIVIDUAL SEAT                               |
| (1) LEFT                 | (2) CENTER      | (3) RIGHT               | ..... BENCH: FULL WIDTH 3 PASSENGER           |
| (1) LEFT                 | (2) LEFT CENTER | (6) RIGHT CENTER        | (3) RIGHT ..... BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT                 | (2) CENTER      | (5) RIGHT & AISLE SPACE | ..... BENCH: PARTIAL WIDTH, LEFT              |
| (0) LEFT & SPACE         | (2) CENTER      | (5) RIGHT & SPACE       | ..... BENCH: PARTIAL WIDTH, CENTERED          |
| (4) ENTIRE VEHICLE WIDTH | .....           |                         | CARGO AREA                                    |

### EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR  
5 PASSENGERS

X	X	11	13
X	X	X	21 22 23

VAN  
12 PASSENGER CAPACITY

X	X	11	13	
X	X	X	21 22 25	
X	X	X	31 32 35	
X	X	X	X	41 42 46 43

## CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)  
(Y) Y-AXIS (LATERAL)  
(Z) Z-AXIS (VERTICAL)

## CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	<u>CONTACT</u>
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT



## CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

## INDIVIDUAL COMPONENT

## INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/  
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE  
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

## EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER  
COMPARTMENT BUT PART  
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,  
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

## GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS  
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- (50) WINDSHIELD HEADER
- A-PILLAR
- ROOF SIDE RAIL

- (51) INSTRUMENT PANEL
- A-PILLAR
- DOOR PANEL

- (52) INSTRUMENT PANEL
- A-PILLAR
- WINDSHIELD HEADER

- (53) DOOR PANEL
- B-PILLAR
- ROOF RAIL

- (54) DOOR PANEL
- A-PILLAR
- ROOF RAIL

- (55) INSTRUMENT PANEL
- FLOOR PAN
- A-PILLAR
- DOOR FRAME

- (56) ROOF RAIL
- A-PILLAR
- B-PILLAR
- WINDOW FRAME

- (57) ROOF RAIL
- A-PILLAR
- B-PILLAR
- C-PILLAR
- DOOR PANEL

- (58) ROOF
- ROOF RAIL
- WINDOW FRAME
- DOOR PANEL

- (59) BACKLIGHT HEADER
- ROOF
- C-PILLAR
- THIRD SEAT-BACK

- (60) ROOF
- ROOF RAIL
- A-PILLAR
- B-PILLAR
- C-PILLAR
- WINDOW FRAME
- DOOR PANEL
- FLOOR PAN

- (61) INSTRUMENT PANEL
- TOE PAN
- WINDSHIELD HEADER
- A-PILLAR
- ROOF RAIL
- WINDOW FRAME
- DOOR PANEL
- ROOF

- (62) ROOF
- ROOF RAIL
- C-PILLAR
- WINDOW FRAME
- FLOOR PAN
- SECOND SEAT
- DOOR PANEL

- (63) ROOF RAIL
- ROOF
- B-PILLAR
- WINDOW FRAME
- FLOOR PAN
- DOOR PANEL
- SECOND SEAT
- FRONT SEAT

- (64) ROOF RAIL
- ROOF OR CONVERTIBLE TOP
- A-PILLAR
- B-PILLAR
- WINDOW FRAME
- WINDOW HEADER

- (65) WINDSHIELD
- WINDSHIELD HEADER
- ROOF SIDE RAIL

- (66) WINDSHIELD
- WINDSHIELD HEADER
- A-PILLAR

(98) NOT APPLICABLE

(99) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module 1 T Format 0 1  
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 1

13

WAS INTRUSION CATASTROPHIC? 0

14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.  
(1) YES ANSWER NEXT QUESTION.  
(9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.  
(1) YES SKIP PAGE.

Duplicate columns 1-8  
from the previous card.

Module 1 T Format 0 2  
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

**INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.**

**CODES FOR B, F, G, H, I, J ON PAGE IT-3**

**CODES FOR C ON PAGE IT-4**

**OCCUPANT CONTACT AND INJURY**

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 1</u>	<u>1 3</u>	<u>1 4</u>	<u>1</u>	<u>0 0</u>	<u>1 1</u>	<u>0 0</u>	<u>0 2</u>	<u>0 1</u>	<u>0 2</u>	<u>0 2</u>
<u>0 2</u>	<u>2 3</u>	<u>0 9</u>	<u>1</u>	<u>0 0</u>	<u>3 3</u>	<u>0 0</u>	<u>0 2</u>	<u>0 4</u>	<u>0 2</u>	<u>0 3</u>
<u>0 3</u>	<u>2 3</u>	<u>1 1</u>	<u>1</u>	<u>0 0</u>	<u>2 5</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 4</u>	<u>2 3</u>	<u>1 4</u>	<u>1</u>	<u>0 0</u>	<u>2 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 5</u>	<u>2 3</u>	<u>1 2</u>	<u>1</u>	<u>0 0</u>	<u>1 9</u>	<u>0 0</u>	<u>0 4</u>	<u>0 1</u>	<u>0 4</u>	<u>0 2</u>
<u>0 6</u>	---	---	---	---	---	---	---	---	---	---
<u>0 7</u>	---	---	---	---	---	---	---	---	---	---

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8  
from the previous card.

Module 1 T Format 0 3  
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,  
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION  
RESULTED FROM**

INTRUSION  
NUMBER CAUSE

CODES  
FOR CAUSE:

- |           |           |                    |
|-----------|-----------|--------------------|
| <u>13</u> | <u>15</u> | (1) DIRECT IMPACT  |
| <u>16</u> | <u>18</u> | (2) INDUCED DAMAGE |
| <u>19</u> | <u>21</u> | (9) UNKNOWN        |

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED  
DOOR INTRUSION, CODE COMPONENT**

INTRUSION  
NUMBER

DAMAGED  
COMPONENT 1

DAMAGED  
COMPONENT 2

CODES  
FOR COMPONENTS

A 22 23

B 26 27

C 30 31

D 34 35

25

29

33

37

- (0) NONE  
(1) A-PILLAR  
(2) B-PILLAR  
(3) C-PILLAR  
(4) LATCH/STRIKER  
(5) HINGES  
(7) OTHER: \_\_\_\_\_  
(8) NOT APPLICABLE  
(9) UNKNOWN

Duplicate columns 1-8 from the previous card. Module 1 T Format 0 2  
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

**INTRUSIONS** CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.  
CODES FOR B, F, G, H, I, J ON PAGE IT-3  
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 8</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>0 9</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 0</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 6</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 7</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 8</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>1 9</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 0</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 1</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 2</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 3</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 4</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —
<u>2 5</u>	— —	— —	—	— —	— —	— —	— —	— —	— —	— —

Duplicate columns 1-8  
from the previous card.

Module 1 D Format 0 1  
9 10 11 12

# INTERIOR DAMAGE

ID-1

## CODES:

- (0) NO  
(1) YES  
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT  
(8) NOT APPLICABLE  
(9) UNKNOWN

	LEFT	RIGHT				
<b>SIDES</b>			<b>FRONT</b>		<b>INSTRUMENT PANEL</b>	
FRONT DOOR	<u>0</u> 13	<u>4</u> 14	FOOT CONTROLS	<u>0</u> 45	UPPER PANEL	<u>0</u> 55
FRONT HARDWARE	<u>0</u> 15	<u>0</u> 16	IGNITION KEYS	<u>0</u> 46	MID PANEL	<u>0</u> 56
FRONT ARMREST	<u>0</u> 17	<u>4</u> 18	REAR VIEW MIRROR	<u>1</u> 47	LOWER PANEL	<u>0</u> 57
FRONT GLASS	<u>0</u> 19	<u>1</u> 20	SUNVISOR/FITTINGS	<u>0</u> 48	ASHTRAY	<u>0</u> 58
REAR DOOR AREA	<u>0</u> 21	<u>4</u> 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	<u>0</u> 59
REAR HARDWARE	<u>0</u> 23	<u>1</u> 24	WINDSHIELD TOP MOLDINGS	<u>0</u> 49	GLOVE COMPARTMENT AREA	<u>3</u> 60
REAR ARMREST	<u>0</u> 25	<u>4</u> 26	LEFT A-PILLAR (UPPER OR LOWER)	<u>0</u> 50	INSTRUMENTS	<u>0</u> 61
REAR GLASS	<u>0</u> 27	<u>1</u> 28	RIGHT A-PILLAR (UPPER OR LOWER)	<u>0</u> 51	PARKING BRAKE RELEASE	<u>0</u> 62
ROOF SIDE RAIL	<u>0</u> 29	<u>1</u> 30	CENTER CONSOLE	<u>1</u> 52	PARKING BRAKE PEDAL	<u>0</u> 63
B-PILLAR	<u>0</u> 31	<u>1</u> 32	TRANSMISSION SELECTOR LEVER	<u>0</u> 53	A/C OR UPPER VENT OUTLETS	<u>0</u> 64
C-PILLAR	<u>0</u> 33	<u>1</u> 34	RIM, HORN, SPOKE	<u>0</u> 54	HEATER OR A/C DUCTS	<u>0</u> 65
D-PILLAR	<u>8</u> 35	<u>8</u> 36			RADIO <i>Removed</i>	<u>0</u> 66
HEADLINING	<u>0</u> 37	<u>4</u> 38			OTHER: *	<u>8</u> 67
ROOF STRUCTURE	<u>0</u> 39	<u>1</u> 40				
T-ROOF/SUN ROOF	<u>0</u> 41	<u>1</u> 42				
OTHER: *	<u>0</u> 43	<u>8</u> 44				
					<b>REAR</b>	
					WINDOW	<u>1</u> 68
					WINDOW HEADER	<u>1</u> 69
					<b>CONSOLES</b>	
					VERTICAL	<u>0</u> 70
					ROOF	<u>8</u> 71

\* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8  
from the previous card.

Module S T Format 0 2  
9 10 11 12

## SEATS

ST-1

FRONT SEAT		DRIVER	PASSENGER	FRONT SEAT-BACK		DRIVER	PASSENGER
<b>TYPE OF FRONT SEAT</b> (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN		<u>05</u> 13 14	<u>05</u> 15 16	<b>SEAT-BACK TYPE</b> (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 30	<u>1</u> 31
<b>TYPE OF SEAT MOUNT</b> (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 17	<u>1</u> 18	<b>SEAT-BACK LOCK TYPE</b> (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 32	<u>1</u> 33
<b>SWIVEL MECHANISM EQUIPPED</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 19	<u>0</u> 20	<b>LOCKS HELD</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 34	<u>1</u> 35
<b>ORIGINAL EQUIPMENT SEATS</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 21	<u>1</u> 22	<b>RECLINER MECHANISM HELD</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 36	<u>1</u> 37
<b>CONTACT OF SEAT BY REAR OCCUPANT</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 23	<u>0</u> 24	<b>HEAD RESTRAINT</b> <b>HEAD RESTRAINT TYPE</b> (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 38	<u>1</u> 39
<b>FRONT SEAT DAMAGE</b> (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 25	<u>0</u> 26	<b>REMOVED PRE-CRASH</b> (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 40	<u>0</u> 41
<b>CENTER ARMREST DAMAGED</b> (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED		<u>0</u> 27		<b>ADJUSTMENT AT CRASH</b> (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN		<u>2</u> 42	<u>2</u> 43
<b>FRONT SEAT ROTATION</b> (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 28	<u>1</u> 29	<b>HEAD RESTRAINT DAMAGE</b> (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 44	<u>0</u> 45

FRONT SEAT ADJUSTMENT		DRIVER	PASSENGER	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE				CENTER ARMREST DAMAGED	
(0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>1</u> 46	<u>1</u> 47	(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
ADJUSTMENT PROVIDED		<u>1</u> 48	<u>1</u> 49	SECOND SEAT-BACK	
(1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN				LEFT	RIGHT
SEAT ADJUSTER DAMAGE				LOCKS	
(0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 50	<u>2</u> 51	FOR THE FOLLOWING, USE:	
SEAT ADJUSTER SEPARATION				(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
(0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>0</u> 53	LEFT OR CENTER, EQUIPPED	
PRE-CRASH POSITION				LEFT OR CENTER, HELD	
(1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 54	<u>3</u> 55	(3) SEAT FOLDED DOWN	
				RIGHT, EQUIPPED	
				RIGHT, HELD	
				(3) SEAT FOLDED DOWN	
SECOND SEAT		LEFT	RIGHT	THIRD SEAT	
TYPE OF SECOND SEAT				EQUIPPED	
(0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		<u>6</u> 56	<u>6</u> 57	(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
SECOND SEAT DAMAGE				VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
(0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 58	<u>3</u> 59	(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
				Applies to any rear-seat position	



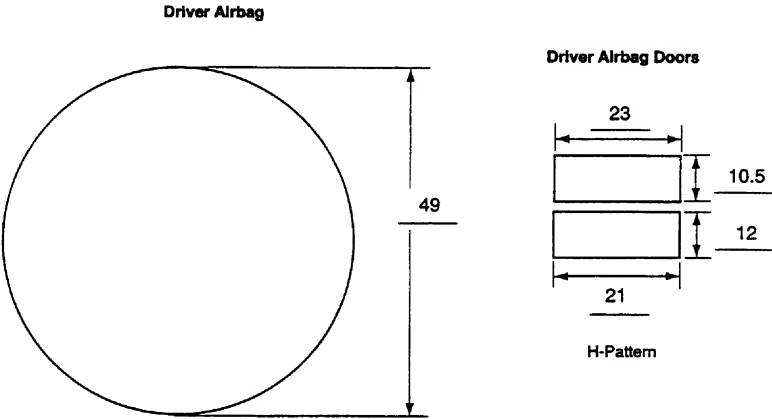
Duplicate columns 1-8  
from the previous card.

Module A B Format 0 1  
9 10 11 12

AIRBAG AB-1

<p>DRIVER SIDE</p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p>PASSENGER SIDE</p> <p><b>LOCATION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p><b>CONDITION OF AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p><b>CONDITION OF AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>5</u> 18</p>
<p>DRIVER SIDE</p> <p><b>AIRBAG</b></p> <p><b>STEERING WHEEL</b></p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 19</p> <p><u>0</u> 20</p>	<p>PASSENGER SIDE</p> <p><b>AIRBAG</b></p> <p><b>INSTRUMENT PANEL (GLOVE BOX)</b></p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>0</u> 21</p> <p><u>0</u> 22</p>

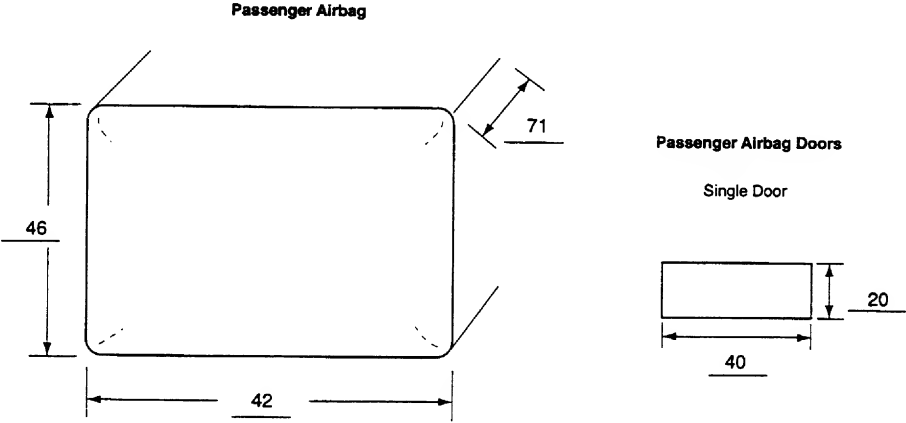
AIRBAG NUMBER ON DRIVER SIDE:



Vents: ☒ Y N  
if yes, how many: 2  
at 11 and 1 O'clock

Tethers: ☒ Y N  
if yes, how many: 2

AIRBAG NUMBER ON PASSENGER SIDE:



Vents: ☒ Y N  
if yes, how many: \_\_\_\_\_

Tethers: Y ☒ N  
if yes, how many: \_\_\_\_\_

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,  
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,  
ARE TO BE FILLED IN  
FOR EACH CASE VEHICLE OCCUPANT,  
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,  
USE ADDITIONAL COPIES  
OF PAGES OC-1, OC-2, OC-3,  
AND IC-2 TO DESCRIBE THEM  
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

# OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
- (2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)
- (9) UNKNOWN

1  
15

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
- (98) 98 YEARS OR OLDER
- (99) UNKNOWN

18  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
- (25) 25 MONTHS OR OLDER
- (99) UNKNOWN

25  
22 23

MASS (kg)

- (999) UNKNOWN

114016

064  
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

5ft, 7in

170  
27 28 29

SEX

- (1) MALE
- (2) FEMALE
- (9) UNKNOWN

1  
30

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
- (2) SECOND
- (3) THIRD
- (4) FOURTH
- (7) OTHER: \_\_\_\_\_
- (8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)
- (9) UNKNOWN

1  
16

LATERAL LOCATION

- (1) LEFT
- (2) LEFT CENTER
- (3) CENTER
- (4) RIGHT CENTER
- (5) RIGHT
- (6) ALL (LYING ON SEAT)
- (8) EXTERNAL TO PASSENGER  
COMPARTMENT
- (9) UNKNOWN

1  
17

POSTURE

- (10) SITTING ON SEAT
- (11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)
- (12) SITTING ON CONSOLE
- (20) ON LAP OR IN ARMS
- (30) STANDING ON SEAT
- (40) STANDING ON FLOOR
- (47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT
- (50) IN BASSINET
- (60) IN CHILD SEAT
- (65) IN CHILD HARNESS
- (70) LYING ON SEAT
- (80) LYING/SITTING ON PASSENGER  
FLOOR
- (83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_
- (85) ON CARGO FLOOR/FOLDED  
SEAT-BACK
- (87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT
- (97) OTHER: \_\_\_\_\_
- (99) UNKNOWN

10  
18 19

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
- (01) FIRST AID AT SCENE
- (02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED
- (03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS
- (04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT
- (05) FATAL, DEAD AT SCENE
- (06) FATAL, DOA
- (07) FATAL, DEAD WITHIN 24 HOURS
- (08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER
- (09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER
- (10) FATAL DEAD WITHIN UNKNOWN  
PERIOD
- (99) UNKNOWN

02  
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

01  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
- (1) YES, TIME & TYPE UNKNOWN
- (2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)
- (3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)
- (4) PREGNANT
- (5) POST-CRASH FATAL (DROWNING)
- (6) POST-CRASH NON-FATAL INJURY
- (7) OTHER: \_\_\_\_\_
- (8) COMBINATION OF ABOVE  
(CIRCLE EACH)
- (9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

### POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

1  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

8 8  
41 42

## CHILD SEAT MAKE/MODEL

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## RESTRAINT SYSTEM

### ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

3  
37

### ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

0  
38

### PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

1  
39

### PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

2  
40

## EJECTION

### DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

0  
43

### AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: \_\_\_\_\_
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

9 8  
44 45

### IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## HEAD RESTRAINT

### HEAD RESTRAINT AVAILABLE FOR THIS POSITION

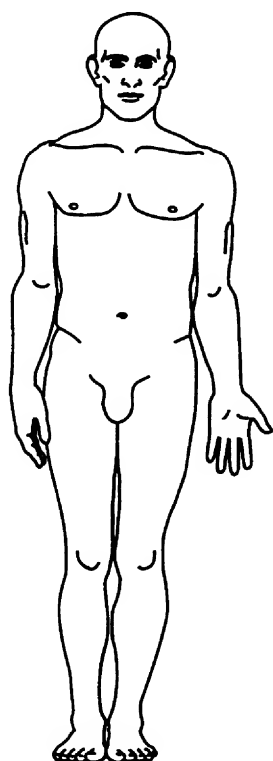
- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

1  
46

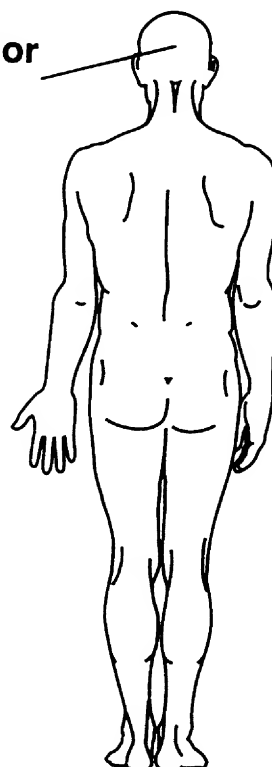
# OCCUPANT INFORMATION OC-3

<p><b>OCCUPANT EYEWEAR</b></p> <p>(0) NONE  (1) GLASSES  (2) CONTACTS  (3) BOTH GLASSES AND CONTACTS  (4) OTHER _____  (8) NOT APPLICABLE  (9) UNKNOWN</p>	<p><u>9</u> 47</p>	<p><b>SOURCE OF INFORMATION</b></p> <p>(0) INTERVIEW  (1) HOSPITAL  (2) AUTOPSY  (3) POLICE  (4) OTHER _____  (5) LAY CORONER/EXTERNAL EXAM  (7) COMBINATION OF ABOVE (CIRCLE)  (8) NOT APPLICABLE  (9) UNKNOWN</p>	<p><u>1</u> 48</p>
--	------------------------	---	------------------------

INDICATE LOCATION OF INJURIES.



Laceration, posterior  
aspect of scalp  
(1)



INJURY CLASSIFICATION IC-1

**NOTE:** Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**



## INJURY CLASSIFICATION IC-2

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

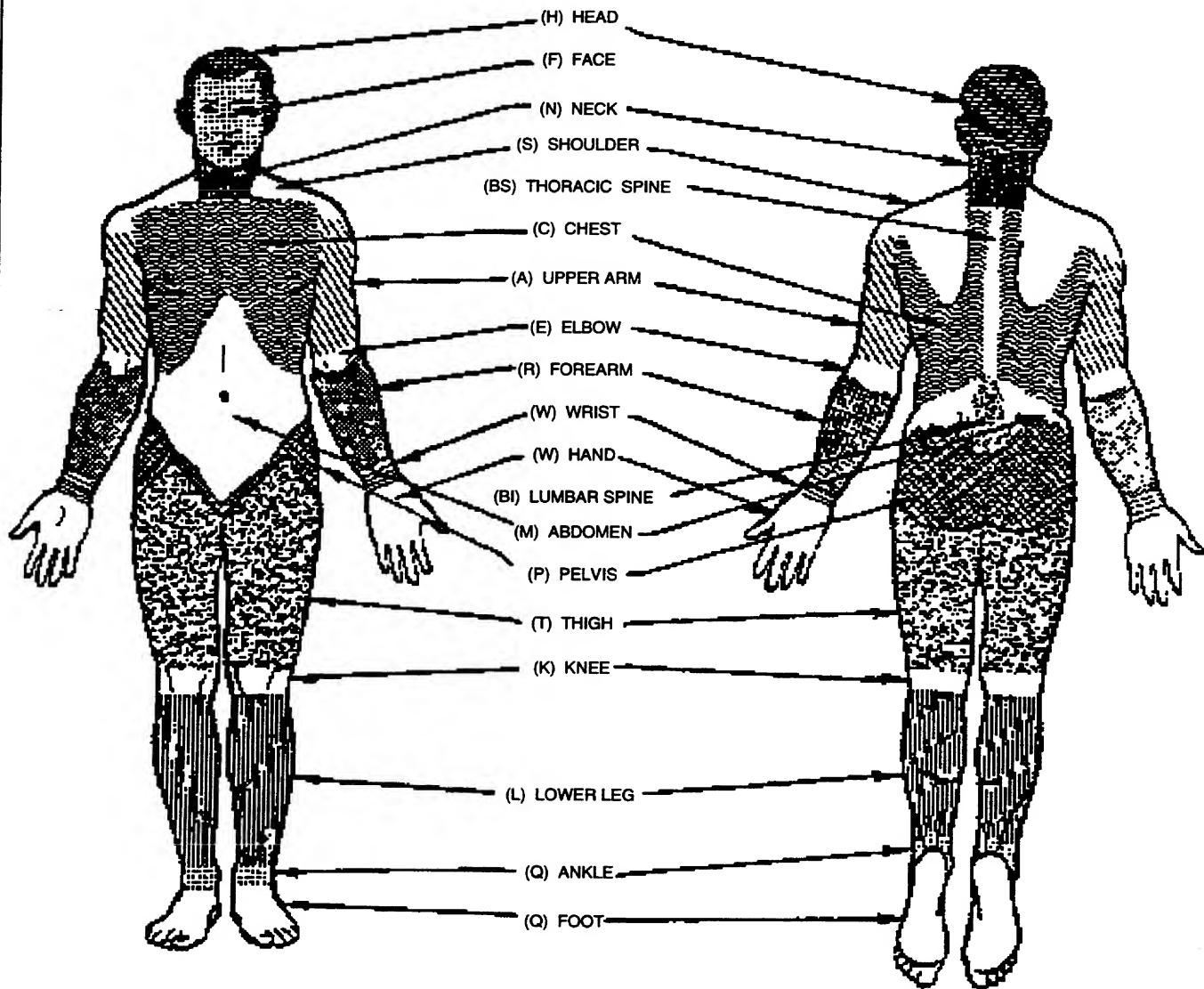
## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

## MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW  
IS AN EXPLANATION OF THE BODY REGION CODES  
LISTED ON PAGE IC - 4.



## CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

**1 BODY REGION**

(H) HEAD/SKULL  
 (F) FACE  
 (N) NECK  
 (S) SHOULDER  
 (X) UPPER EXTREMITIES  
 (A) ARM (*UPPER*)  
 (E) ELBOW  
 (R) FOREARM  
 (W) WRIST/HAND  
 (C) CHEST  
 (M) ABDOMEN  
 (B) BACK  
 (P) PELVIC/HIP  
 (Y) LOWER EXTREMITIES  
 (T) THIGH  
 (K) KNEE  
 (L) LEG (*LOWER*)  
 (Q) ANKLE/FOOT  
 (O) WHOLE BODY  
 (U) UNKNOWN

**3 LESION**

(L) LACERATION  
 (C) CONTUSION  
 (A) ABRASION  
 (F) FRACTURE  
 (P) PERFORATION,  
 PUNCTURE  
 (K) CONCUSSION  
 (V) AVULSION  
 (R) RUPTURE  
 (S) SPRAIN  
 (D) DISLOCATION  
 (N) CRUSH  
 (M) AMPUTATION  
 (B) BURN  
 (G) DETACHMENT,  
 SEPARATION  
 (Z) FRACTURE AND  
 DISLOCATION  
 (T) STRAIN  
 (E) TOTAL SEVERANCE,  
 TRANSECTION  
 (O) OTHER  
 (U) UNKNOWN

**4 SYSTEM/ORGAN**

(S) SKELETAL  
 (V) VERTEBRAE  
 (J) JOINTS  
 (D) DIGESTIVE  
 (L) LIVER  
 (N) NERVOUS SYSTEM  
 (B) BRAIN  
 (C) SPINAL CORD  
 (E) EARS  
 (O) EYES  
 (A) ARTERIES  
 (H) HEART  
 (Q) SPLEEN  
 (G) UROGENITAL  
 (K) KIDNEYS  
 (R) RESPIRATORY  
 (P) PULMONARY/LUNGS  
 (M) MUSCLES  
 (T) THYROID, OTHER  
 ENDOCRINE GLAND  
 (I) INTEGUMENTARY (*SKIN*)  
 (W) ALL SYSTEMS IN REGION  
 (U) UNKNOWN

**2 ASPECT**

(R) RIGHT  
 (L) LEFT  
 (B) BILATERAL  
 (C) CENTRAL  
 (A) ANTERIOR/FRONT  
 (P) POSTERIOR/BACK  
 (S) SUPERIOR/UPPER  
 (I) INFERIOR/LOWER  
 (W) WHOLE REGION  
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

**5 SEVERITY**  
(OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE  
 (1) MINOR  
 (2) MODERATE  
 (3) SERIOUS  
 (4) SEVERE  
 (5) CRITICAL  
 (6) MAXIMUM  
 (9) UNKNOWN

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

# OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

02  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

2  
15

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

1  
16

LATERAL LOCATION

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

5  
17

POSTURE

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

10  
18 19

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

16  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

25  
22 23

MASS (kg)

- (999) UNKNOWN

(130 lb)

059  
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

(5 ft, 8 in)

173  
27 28 29

SEX

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

1  
30

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

03  
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

06  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

<p><b>MEDICAL CONDITIONS (CONT.)</b></p> <p><b>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</b></p> <p>(0) O - NO INJURY  (1) C - POSSIBLE INJURY  (2) B - NON-INCAPACITATING  (3) A - INCAPACITATING INJURY  (4) K - FATAL  (5) INJURED, SEVERITY UNKNOWN  (6) DIED PRIOR TO IMPACT  (7) NON-FATAL INJURY, SEVERITY UNKNOWN  (9) UNKNOWN</p>	<p><u>1</u> 36</p>	<p><b>CHILD SEAT TYPE</b></p> <p>(00) NONE USED  (01) YES, USED  (02) INTEGRAL, Chrysler Mini-van  (88) NOT APPLICABLE (ADULT OR OLDER CHILD)  (99) UNKNOWN</p> <p><b>CHILD SEAT MAKE/MODEL</b></p> <p>_____  _____  _____</p>	<p><u>88</u> 41 42</p>
<p><b>RESTRAINT SYSTEM</b></p> <p><b>ACTIVE RESTRAINT SYSTEM</b></p> <p>(0) NONE  (1) LAP BELT  (2) SHOULDER HARNESS ONLY  (3) BOTH LAP BELT &amp; SHOULDER HARNESS  (9) UNKNOWN</p> <p><b>ACTIVE RESTRAINT SYSTEM USAGE</b></p> <p>(0) NONE (AVAILABLE BUT NOT USED)  (1) LAP BELT ONLY  (2) SHOULDER HARNESS ONLY  (3) BOTH LAP BELT &amp; SHOULDER HARNESS  (7) IMPROPER USAGE  (8) NOT APPLICABLE (NONE AVAILABLE)  (9) UNKNOWN</p> <p><b>PASSIVE RESTRAINT SYSTEM</b></p> <p>(0) NONE  (1) AIRBAG INSTALLED  (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS  (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS  (4) PASSIVE LAP &amp; UPPER TORSO  (5) AIRBAG INSTALLED &amp; PASSIVE RESTRAINT  (7) OTHER: _____  (9) UNKNOWN</p> <p><b>PASSIVE RESTRAINT SYSTEM USAGE</b></p> <p>(0) SYSTEM DEFEATED  (1) AIRBAG NOT DEPLOYED  (2) AIRBAG DEPLOYED  (3) AIRBAG NOT REINSTALLED  (4) PASSIVE UPPER TORSO USED  (5) PASSIVE LAP &amp; UPPER TORSO USED  (6) SYSTEM USED IN MANUAL MODE  (7) IMPROPER USAGE  (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED)  (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>0</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p><b>EJECTION</b></p> <p><b>DEGREE OF EJECTION</b></p> <p>(0) NONE  (1) PARTIAL  (2) COMPLETE  (7) EJECTED, DEGREE UNKNOWN  (9) UNKNOWN IF EJECTED</p> <p><b>AREA OF EJECTION</b></p> <p>(01) WINDOW, LEFT SIDE  (02) WINDOW, RIGHT SIDE  (03) WINDOW, REAR  (04) DOOR, LEFT SIDE  (05) DOOR, RIGHT SIDE  (06) DOOR, REAR OR TAILGATE  (07) WINDSHIELD  (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA  (96) EJECTED AREA UNKNOWN  (97) OTHER AREA: _____  (98) NOT APPLICABLE (NOT EJECTED)  (99) UNKNOWN IF EJECTED</p> <p><b>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</b></p> <p><u>RF was ejected through right</u>  <u>door, when door opened</u>  <u>during collision</u></p>	<p><u>2</u> 43</p> <p><u>05</u> 44 45</p>
		<p><b>HEAD RESTRAINT</b></p> <p><b>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</b></p> <p>(0) NOT EQUIPPED OR REMOVED  (1) EQUIPPED  (9) UNKNOWN</p>	<p><u>1</u> 46</p>

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

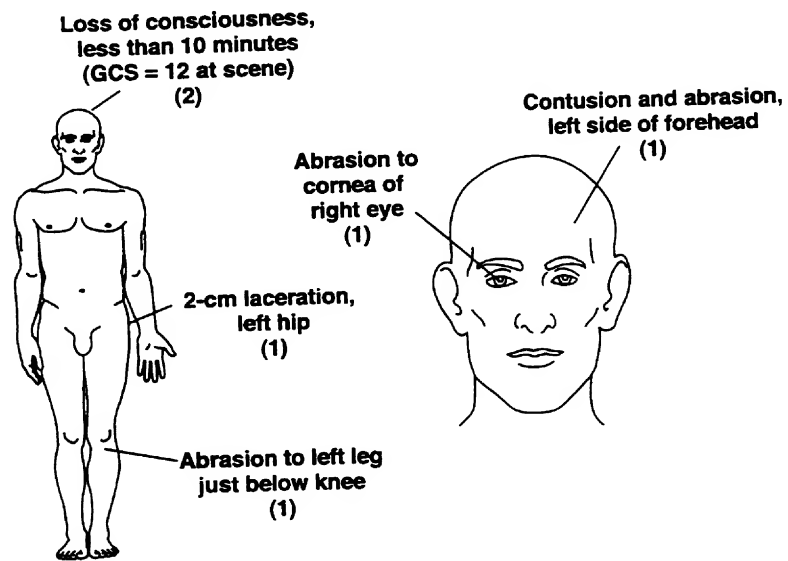
0  
47

## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
48

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION IC-1

**NOTE:** Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**



## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

## MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

# OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

03  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

2  
15

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

18  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

25  
22 23

MASS (kg)

(999) UNKNOWN

(248 lb)

113  
24 25 26

HEIGHT (cm)

(999) UNKNOWN

999  
27 28 29

SEX

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

1  
30

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

2  
16

LATERAL LOCATION

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

1  
17

POSTURE

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

10  
18 19

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

02  
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

05  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

0  
35

# OCCUPANT INFORMATION OC-2

## MEDICAL CONDITIONS (CONT.)

### POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO IMPACT
- (7) NON-FATAL INJURY,  
SEVERITY UNKNOWN
- (9) UNKNOWN

1  
36

## CHILD SEAT TYPE

- (00) NONE USED
- (01) YES, USED
- (02) INTEGRAL, Chrysler Mini-van
- (88) NOT APPLICABLE  
(ADULT OR OLDER CHILD)
- (99) UNKNOWN

8 8  
41 42

## CHILD SEAT MAKE/MODEL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## RESTRAINT SYSTEM

### ACTIVE RESTRAINT SYSTEM

- (0) NONE
- (1) LAP BELT
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (9) UNKNOWN

3  
37

### ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
- (1) LAP BELT ONLY
- (2) SHOULDER HARNESS ONLY
- (3) BOTH LAP BELT &  
SHOULDER HARNESS
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NONE AVAILABLE)
- (9) UNKNOWN

0  
38

### PASSIVE RESTRAINT SYSTEM

- (0) NONE
- (1) AIRBAG INSTALLED
- (2) PASSIVE UPPER TORSO  
WITH KNEE BOLSTERS
- (3) PASSIVE UPPER TORSO  
WITHOUT KNEE BOLSTERS
- (4) PASSIVE LAP & UPPER TORSO
- (5) AIRBAG INSTALLED &  
PASSIVE RESTRAINT
- (7) OTHER: \_\_\_\_\_
- (9) UNKNOWN

0  
39

### PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
- (1) AIRBAG NOT DEPLOYED
- (2) AIRBAG DEPLOYED
- (3) AIRBAG NOT REINSTALLED
- (4) PASSIVE UPPER TORSO USED
- (5) PASSIVE LAP & UPPER TORSO USED
- (6) SYSTEM USED IN MANUAL MODE
- (7) IMPROPER USAGE
- (8) NOT APPLICABLE (NOT ORIGINALLY  
EQUIPPED)
- (9) UNKNOWN

8  
40

## EJECTION

### DEGREE OF EJECTION

- (0) NONE
- (1) PARTIAL
- (2) COMPLETE
- (7) EJECTED, DEGREE UNKNOWN
- (9) UNKNOWN IF EJECTED

2  
43

### AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
- (02) WINDOW, RIGHT SIDE
- (03) WINDOW, REAR
- (04) DOOR, LEFT SIDE
- (05) DOOR, RIGHT SIDE
- (06) DOOR, REAR OR TAILGATE
- (07) WINDSHIELD
- (08) ROOF OR OPEN CONVERTIBLE OR  
FROM EXTERNAL AREA
- (96) EJECTED AREA UNKNOWN
- (97) OTHER AREA: REAR WINDOW
- (98) NOT APPLICABLE (NOT EJECTED)
- (99) UNKNOWN IF EJECTED

9 7  
44 45

IF OCCUPANT WAS EJECTED, DESCRIBE  
IN DETAIL BELOW:

Ejected through rear window  
As vehicle rotated following  
impact

## HEAD RESTRAINT

### HEAD RESTRAINT AVAILABLE FOR THIS POSITION

- (0) NOT EQUIPPED OR REMOVED
- (1) EQUIPPED
- (9) UNKNOWN

0  
46

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

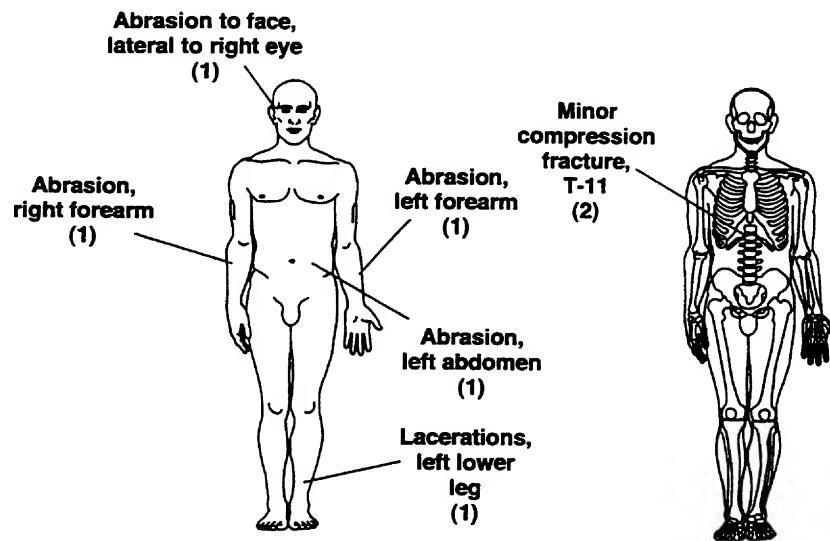
0  
47

## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
48

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION IC-1

**NOTE:** Each line in the table below is a separate record (card).  
Duplicate columns 1 - 12 for each completed line.

## OCCUPANT INJURY CLASSIFICATION

[illegible]

**NOTE: USE ADDITIONAL PAGES IF NECESSARY.**

## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

## MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Duplicate columns 1-8  
from the previous card.

Module 0 C Format 0 2  
9 10 11 12

# OCCUPANT INFORMATION OC-1

## OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

04  
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER  
(2) MOTOR VEHICLE PASSENGER  
(NOT DRIVER)  
(9) UNKNOWN

2  
15

## OCCUPANT POSITION

ROW LOCATION

- (1) FRONT  
(2) SECOND  
(3) THIRD  
(4) FOURTH  
(7) OTHER: \_\_\_\_\_  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT (E.G. BED OF PICKUP)  
(9) UNKNOWN

2  
16

LATERAL LOCATION

- (1) LEFT  
(2) LEFT CENTER  
(3) CENTER  
(4) RIGHT CENTER  
(5) RIGHT  
(6) ALL (LYING ON SEAT)  
(8) EXTERNAL TO PASSENGER  
COMPARTMENT  
(9) UNKNOWN

5  
17

POSTURE

- (10) SITTING ON SEAT  
(11) SITTING ON SEAT IN ABNORMAL  
POSITION (E.G. FEET ON DASH,  
SIDEWAYS)  
(12) SITTING ON CONSOLE  
(20) ON LAP OR IN ARMS  
(30) STANDING ON SEAT  
(40) STANDING ON FLOOR  
(47) STANDING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(50) IN BASSINET  
(60) IN CHILD SEAT  
(65) IN CHILD HARNESS  
(70) LYING ON SEAT  
(80) LYING/SITTING ON PASSENGER  
FLOOR  
(83) LYING/SITTING ON OTHER  
OBJECT IN PASSENGER  
COMPARTMENT: \_\_\_\_\_  
(85) ON CARGO FLOOR/FOLDED  
SEAT-BACK  
(87) LYING/SITTING, EXTERNAL TO  
PASSENGER COMPARTMENT  
(97) OTHER: \_\_\_\_\_  
(99) UNKNOWN

10  
18 19

## PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR  
(98) 98 YEARS OR OLDER  
(99) UNKNOWN

18  
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH  
(25) 25 MONTHS OR OLDER  
(99) UNKNOWN

25  
22 23

MASS (kg)

(999) UNKNOWN

(200 lb)

091  
24 25 26

HEIGHT (cm)

(999) UNKNOWN

999  
27 28 29

SEX

- (1) MALE  
(2) FEMALE  
(9) UNKNOWN

1  
30

## MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE  
(01) FIRST AID AT SCENE  
(02) TREATED AT HOSPITAL/CLINIC  
BUT NOT ADMITTED  
(03) HOSPITALIZED FOR OBSERVATION  
LESS THAN 24 HOURS  
(04) HOSPITALIZED OVER 24 HOURS  
OR FOR SIGNIFICANT TREATMENT  
(05) FATAL, DEAD AT SCENE  
(06) FATAL, DOA  
(07) FATAL, DEAD WITHIN 24 HOURS  
(08) FATAL, DEAD 24 HOURS TO  
31 DAYS LATER  
(09) FATAL, DEAD 31 DAYS TO  
1 YEAR LATER  
(10) FATAL DEAD WITHIN UNKNOWN  
PERIOD  
(99) UNKNOWN

04  
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

17  
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE  
(1) YES, TIME & TYPE UNKNOWN  
(2) PRE-CRASH FATAL (CLINICAL  
DEATH AT WHEEL)  
(3) PRE-CRASH NON-FATAL (E.G.  
PRIOR INJURY, STROKE)  
(4) PREGNANT  
(5) POST-CRASH FATAL (DROWNING)  
(6) POST-CRASH NON-FATAL INJURY  
(7) OTHER: \_\_\_\_\_  
(8) COMBINATION OF ABOVE  
(CIRCLE EACH)  
(9) UNKNOWN

0  
35



# OCCUPANT INFORMATION OC-2

<p><b>MEDICAL CONDITIONS (CONT.)</b></p> <p><b>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</b></p> <p>(0) O - NO INJURY          (1) C - POSSIBLE INJURY          (2) B - NON-INCAPACITATING          (3) A - INCAPACITATING INJURY          (4) K - FATAL          (5) INJURED, SEVERITY UNKNOWN          (6) DIED PRIOR TO IMPACT          (7) NON-FATAL INJURY, SEVERITY UNKNOWN          (9) UNKNOWN</p>	<p><u>1</u> 36</p>	<p><b>CHILD SEAT TYPE</b></p> <p>(00) NONE USED          (01) YES, USED          (02) INTEGRAL, Chrysler Mini-van          (88) NOT APPLICABLE (ADULT OR OLDER CHILD)          (99) UNKNOWN</p> <p><b>CHILD SEAT MAKE/MODEL</b></p> <p>_____          _____          _____</p>	<p><u>88</u> 41 42</p>
<p><b>RESTRAINT SYSTEM</b></p> <p><b>ACTIVE RESTRAINT SYSTEM</b></p> <p>(0) NONE          (1) LAP BELT          (2) SHOULDER HARNESS ONLY          (3) BOTH LAP BELT &amp; SHOULDER HARNESS          (9) UNKNOWN</p> <p><b>ACTIVE RESTRAINT SYSTEM USAGE</b></p> <p>(0) NONE (AVAILABLE BUT NOT USED)          (1) LAP BELT ONLY          (2) SHOULDER HARNESS ONLY          (3) BOTH LAP BELT &amp; SHOULDER HARNESS          (7) IMPROPER USAGE          (8) NOT APPLICABLE (NONE AVAILABLE)          (9) UNKNOWN</p> <p><b>PASSIVE RESTRAINT SYSTEM</b></p> <p>(0) NONE          (1) AIRBAG INSTALLED          (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS          (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS          (4) PASSIVE LAP &amp; UPPER TORSO          (5) AIRBAG INSTALLED &amp; PASSIVE RESTRAINT          (7) OTHER: _____          (9) UNKNOWN</p> <p><b>PASSIVE RESTRAINT SYSTEM USAGE</b></p> <p>(0) SYSTEM DEFEATED          (1) AIRBAG NOT DEPLOYED          (2) AIRBAG DEPLOYED          (3) AIRBAG NOT REINSTALLED          (4) PASSIVE UPPER TORSO USED          (5) PASSIVE LAP &amp; UPPER TORSO USED          (6) SYSTEM USED IN MANUAL MODE          (7) IMPROPER USAGE          (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED)          (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>0</u> 38</p> <p><u>0</u> 39</p> <p><u>8</u> 40</p>	<p><b>EJECTION</b></p> <p><b>DEGREE OF EJECTION</b></p> <p>(0) NONE          (1) PARTIAL          (2) COMPLETE          (7) EJECTED, DEGREE UNKNOWN          (9) UNKNOWN IF EJECTED</p> <p><b>AREA OF EJECTION</b></p> <p>(01) WINDOW, LEFT SIDE          (02) WINDOW, RIGHT SIDE          (03) WINDOW, REAR          (04) DOOR, LEFT SIDE          (05) DOOR, RIGHT SIDE          (06) DOOR, REAR OR TAILGATE          (07) WINDSHIELD          (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA          (96) EJECTED AREA UNKNOWN          (97) OTHER AREA: <u>REAR WINDOW</u>          (98) NOT APPLICABLE (NOT EJECTED)          (99) UNKNOWN IF EJECTED</p>	<p><u>2</u> 43</p> <p><u>97</u> 44 45</p>
<p><b>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</b></p> <p><u>Both rear seat occupants</u>  <u>were ejected from vehicle</u>  <u>through REAR window AND</u>  <u>CAME TO REST ON ROAD SURFACE</u></p>			
<p><b>HEAD RESTRAINT</b></p> <p><b>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</b></p> <p>(0) NOT EQUIPPED OR REMOVED          (1) EQUIPPED          (9) UNKNOWN</p>		<p><u>0</u> 46</p>	

# OCCUPANT INFORMATION OC-3

## OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER \_\_\_\_\_
- (8) NOT APPLICABLE
- (9) UNKNOWN

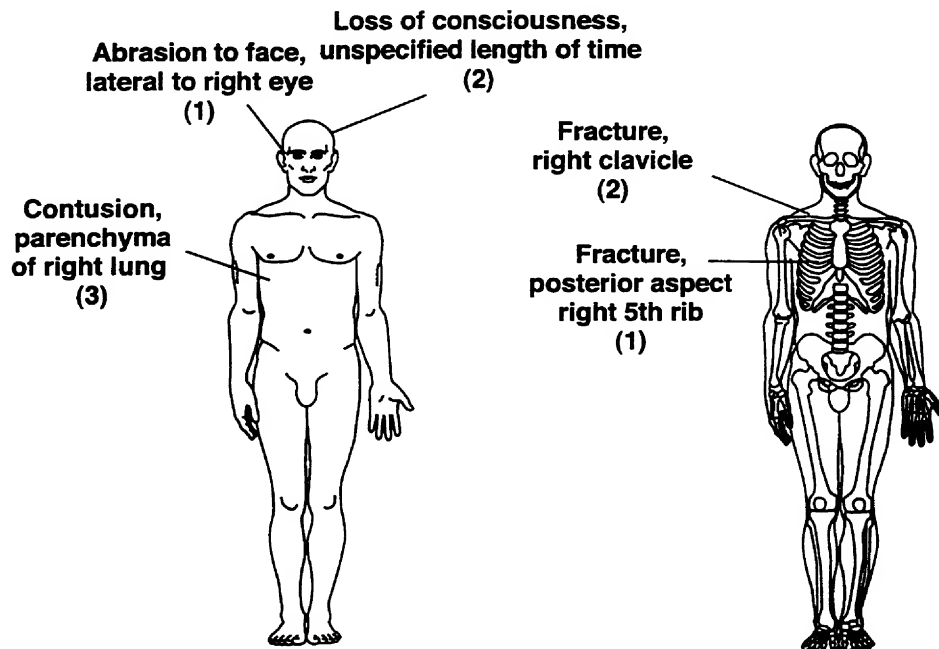
0  
47

## SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER \_\_\_\_\_
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

1  
48

INDICATE LOCATION OF INJURIES.





## CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

## FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

## REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

## INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

## SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

## FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

## ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) & OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

## EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

## BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

## PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

## MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

**Abstract**

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Year	Number of cases	Number of deaths
1990	100	10
1991	110	11
1992	120	12
1993	130	13
1994	140	14
1995	150	15
1996	160	16
1997	170	17
1998	180	18
1999	190	19
2000	200	20
2001	210	21
2002	220	22
2003	230	23
2004	240	24
2005	250	25
2006	260	26
2007	270	27
2008	280	28
2009	290	29
2010	300	30
2011	310	31
2012	320	32
2013	330	33
2014	340	34
2015	350	35
2016	360	36
2017	370	37
2018	380	38
2019	390	39
2020	400	40

1000

100

1000

100



**Abstract**



PN 19700 #2



PN 19700 #3





PN 19700 #4



PN 19700 #5



PN 1970046



PN 19700 #7



PN 19700 #8



**PN 19700 #9**



PN 19700#10



PN19700#11





PN 19700#12



PN 19700 #13



PN 19700#14



**PN 19700 #15**  
**Best Available**



**PN 19700 #18**  
**Best Available**



**PN 19700 #17**  
**Best Available**



PN 19700 #18  
Best Available



**PN 19700 #19**





PN 19700 #20



PN 19700 #21



PN 19700 #22



PN 19700 #23



PN 19700 #24



PN 19700#25



PN 19700 #26



PN 19700 #27





PN 19700 #28



PN 19700 #29



**PN 19700 #30**



PN 19700 #31  
Best Available



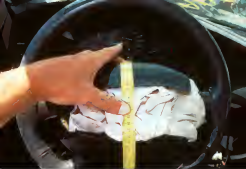
PN 19700-#32  
Best Available



PN 19700 #33  
Best Available



PN 19700 #34  
Best Available



PN 19700 #35  
Best Available





PN 18700 #36



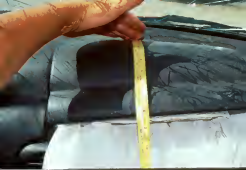
PN 18700 #37  
Best Available



PN 19700 #38



PN 19700 #39



**PN 19700 #40**  
**Best Available**



PN 19700 #41



PN 18700 #42



PN 19700#43





PN 19700 #44



PN 19700 #45



PN 19700 #46



PN 19700 #47



PN 19700 #48



PN 19700 #49



PN 19700 #50



PN 19700 #51





PN 19700#52



PN 19700 #53



PN 19700 #54



PN 19700 #55



PN 19700 #56



PN 19700 #57



PN 19700 #58



**PN 19700 /59**

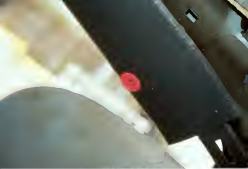




PN 19700 #60



PN 19700 #A1



PN 19700 #62



PN 19700 #63



**PN 19700 #64**



PN 19700 #85



PN 19700 #66



PN 19700467





PN 19700 #68



PN 19700#69



Reference: 2/1/88

Investigator: 1988 F01-2

Reference: 20.2 2 shoes missing

Loss of consciousness:  
less than 10 minutes.  
(SCB or 10 at scene)  
(7)

Foot 1

20

2 1/2 inches of  
swelling at  
top of foot  
(1)

2-cm laceration  
left leg  
(2)

Abruasion to left leg  
just below knee  
(2)

Right leg: 20.2 2 shoes missing

Investigator: 1988 F01-2 2 shoes missing

Reference: 20.2 2 shoes missing  
2-cm laceration left leg  
2-cm laceration right leg  
(2)

Foot 2

20

20

Contusion and abrasion  
left side of forehead  
(1)



1	Left main	10 g/mL/min
2	Left main	100 kg (144 lb)
3	Left main	10 g/mL/min
4	Left main	100 kg (144 lb)

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Journal of Internal Medicine 258: 105–114

right to remove  
it

11/11/2019 11:11:11 AM  
 11/11/2019 11:11:11 AM  
 11/11/2019 11:11:11 AM

1. **Identify the main idea**  
 2. **Identify the supporting details**  
 3. **Identify the conclusion**  
 4. **Identify the evidence**  
 5. **Identify the counter-evidence**  
 6. **Identify the author's bias**  
 7. **Identify the author's purpose**  
 8. **Identify the author's tone**  
 9. **Identify the author's style**  
 10. **Identify the author's audience**

10

100

PM 19700-472



197-08

21 Feb 1968

Los Angeles 3 days on ice



Right eye 78 year old male

Unconscious 141 64 kg (142 lbs)

3 points each eye vision - impaired

Comment:

14-15-16

16-17

Loss of consciousness

Wounds on right face - unapparent to right of face

lateral to right eye

(2)

(7)

Fracture

right orbit rim

(2)

Contusion  
parotid gland  
of right lobe

(2)

Fracture

posterior aspect  
right ribs ribs

(1)

